FORM 3

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

AMENDED REPORT	
(highlight changes)	

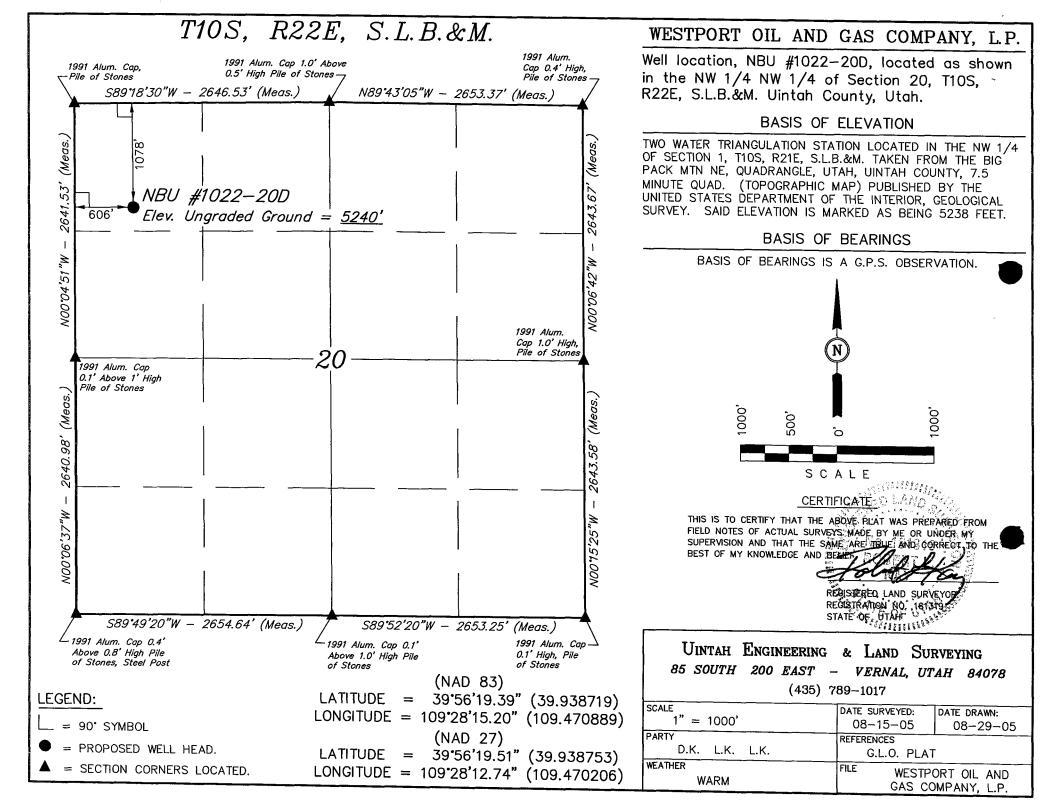
	APPLICATION FOR PERMIT TO DRILL						5. MINERAL LEASE NO: ML-22974	6. SURFACE: State	
1A. TYPE OF WO	rk: D	RILL 🔽 F	REENTER [DEEPEN			7. IF INDIAN, ALLOTTEE OR	TRIBE NAME:	
B. TYPE OF WE	LL: OIL 🗌	GAS 🗹 (OTHER	SIN	GLE ZONE MULTIPLE ZON	IE 🗾	8. UNIT OF CA AGREEMENT		
2. NAME OF OPE		AS COMPAN	YIP				9. WELL NAME and NUMBER NBU 1022-20D	R:	
3. ADDRESS OF					PHONE NUMBER:		10. FIELD AND POOL, OR W	JILDCAT:	
1368 S 120	0 E	CITY VERN	۹L _{sta}	TE UT ZIP 840	078 (435) 781-7060		NBU		
4. LOCATION OF	WELL (FOOTAGE	ES)	6307	08X 3	39,938571		11. QTR/QTR, SECTION, TO MERIDIAN:	WNSHIP, RANGE,	
AT SURFACE:	1078' FNL	606' FWL	45-	2 cm V			NWNW 20 10	S 22E	
AT PROPOSED	PRODUCINGZO	NE:	74210	100	109.470181				
14. DISTANCE IN	MILES AND DIRE	ECTION FROM NEAR	EST TOWN OR PO	ST OFFICE:			12. COUNTY:	13. STATE:	
21.3 MILE	ES SOUTH	EAST OF OL	IRAY, UTAH	ł			UINTAH	UTAH	
15. DISTANCE TO	NEAREST PROP	PERTY OR LEASE LI	NE (FEET)	16. NUMBER O	ACRES IN LEASE:	17. NU	IMBER OF ACRES ASSIGNED	O TO THIS WELL:	
606'					320			40	
		L (DRILLING, COMPL	ETED, OR	19. PROPOSED	DEPTH:	20. BC	ND DESCRIPTION:		
	R) ON THIS LEASI O TOPO C	= (FEET)			8,625	RL	B0005238		
21. ELEVATIONS	(SHOW WHETHE	ER DF, RT, GR, ETC.):	22. APPROXIMA	ATE DATE WORK WILL START:		23. ESTIMATED DURATION:		
5240.4' G	L					ТО	BE DETERMINE) 	
24.			PROPOS	ED CASING A	ND CEMENTING PROGRAM				
SIZE OF HOLE	CASING SIZE,	GRADE, AND WEIG	HT PER FOOT	SETTING DEPTH	CEMENT TYPE, QU.	ANTITY,	YIELD, AND SLURRY WEIGH	<u> </u>	
	14"			40					
12 1/4"	9 5/8"	H-40	32.3#	1,900	PREM CMT	26	5 SX 1.1	8 15.6	
7 7/8"	4 1/2"	1-80	11.6#	8,625	PREM LITE II	39	0 SX 3.3	8 11	
					50/50 POZ G	136	0 SX 1.3	1 14.3	
05	<u> </u>			ΔΤΤΔ	CHMENTS				
25.									
VERIFY THE FOL	LOWING AREAT	TACHED IN ACCOR	DANCEWITH THE L	JTAH OIL AND GAS C	ONSERVATION GENERAL RULES:				
✓ WELL PL	AT OR MAP PRE	PARED BY LICENSE	SURVEYOR OR E	NGINEER	COMPLETE DRILLING PLAN				
✓ EVIDENC	E OF DIVISION O	OF WATER RIGHTS A	PPROVAL FOR US	E OF WATER	FORM 5, IF OPERATOR IS PE	ERSON O	R COMPANY OTHER THAN T	THE LEASE OWNER	
				<u> </u>					
NAME (PLEASE	_{PRINT)} DEBR	RA DOMENIC	1		ASSOC. ENV	IRON	MENTAL ANALYS	T	
SIGNATURE	Selin	Domo	nia		DATE 9/29/2005			<u></u>	
(This space for Sta	te use only)			And And	proved by the		-		

43-047-37222 API NUMBER ASSIGNED: _

Utah Division of

RECEIVED OCT 0 3 2005

DIV. OF OIL, GAS & MINING



NBU 1022-20D NWNW SEC 20-T10S-R22E UINTAH COUNTY, UTAH ML-22974

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1125'
Wasatch	4275'
Mesaverde	6750'
TD	8625'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u>	<u>Depth</u>
	Green River	1125'
Gas	Wasatch	4275'
Gas	Mesaverde	6750'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. <u>Drilling Fluids Program:</u>

Please refer to the attached Drilling Program.

6. Evaluation Program:

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 8625' TD, approximately equals 3450 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1552.5 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

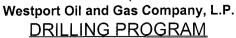
9. <u>Variances:</u>

Please refer to the attached Drilling Program.

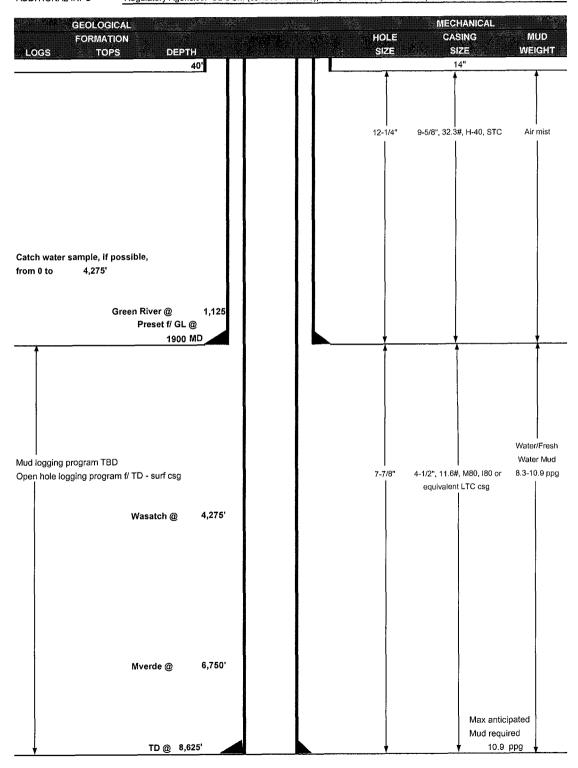
10. Other Information:

Please refer to the attached Drilling Program.





COMPANY NAME Westport Oil and Gas Co., L.P. DATE September 19, 2005 NBU 1022-20D 8,625' MD/TVD WELL NAME TD Natural Buttes ELEVATION 5,240' GL KB 5,255' FIELD COUNTY Uintah STATE Utah NWNW SECTION 20-T10S-R22E 1078'FNL & 606'FWL BHL Straight Hole SURFACE LOCATION Latitude: 39.938719 Longitude: 109.470889 OBJECTIVE ZONE(S) Wasatch/Mesaverde Regulatory Agencies: UDOGM (surface/minerals), BLM, Tri-County Health Dept. ADDITIONAL INFO







Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

CASING PROGRAM

								DESIGN FACTORS		
	SIZE	11	ITERV	AL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"		0-40'							
								2270	1370	254000
SURFACE	9-5/8"	0	to	1900	32.30	H-40	STC	0.76*****	1.66	4.73
								7780	6350	201000
PRODUCTION	4-1/2"	0	to	8625	11.60	M-80 or I-80	LTC	2.60	1.30	2.30
									1	

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD =

10.9 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP

2991 psi

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1			+ .25 pps flocele			:	i
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
			+ 2% CaCl + .25 pps flocele				
	ТОР ОЦТ СМТ (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE	ĺ		NOTE: If well will circulate water to s	urface, op	tion 2 will b	e utilized	
Option 2	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
			+.25 pps Flocele + 3% salt BWOC				
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
			+ .25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	V LEAD	3,775'	Premium Lite II + 3% KCI + 0.25 pps	390	60%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
			:				
	TAIL	4,850'	50/50 Poz/G + 10% salt + 2% gel	1360	60%	14.30	1.31

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.	
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.	

ADDITIONAL INFORMATION

ENGINEER:	Brad Laney	DATE:
Most rigs have PVT Syste	ms for mud monitoring. If no PVT is availab	ole, visual monitoring will be utilized.
Drop Totco surveys every	2000'. Maximum allowable hole angle is 5	degrees.
k lower kelly valves.		
our sheet. Function test	ams on each trip. Maintain safety valve &	inside BOP on rig floor at all times. Kelly to be equipped with upper
BOPE: 11" 3M with one a	nnular and 2 rams. Test to 3,000 psi (annu	ular to 1,500 psi) prior to drilling out. Record on chart recorder &
	si after installing. Test surface casing to 1,	

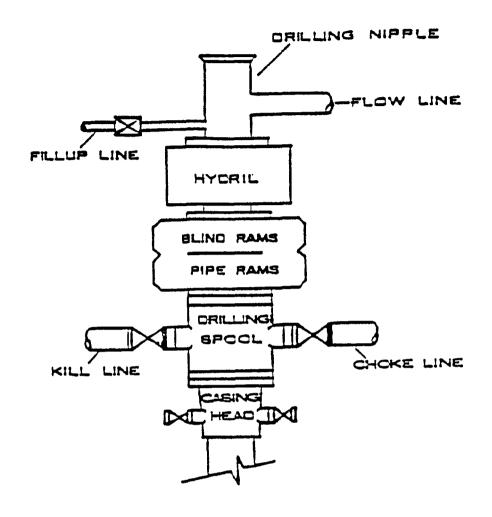
DATE:

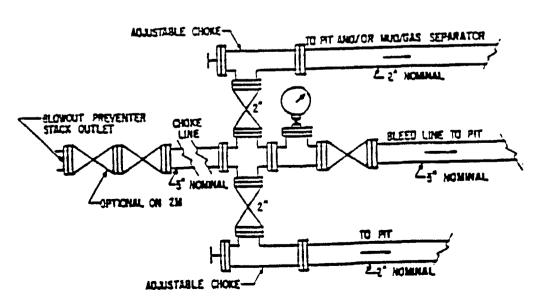
DRILLING	SUPERINTENDENT:
----------	-----------------

DRILLING

^{*}Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

EOP STACK





NBU 1022-20D NWNW SEC 20-T10S-R22E Uintah County, UT ML-22974

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Approximately 420' of new access road is proposed. Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain

fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Approximately 394' of pipeline is proposed. Refer to Topo D for the proposed pipeline.

5. <u>Location and Type of Water Supply:</u>

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner and felt will be used, it will be a minimum of 20 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled By truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. Ancillary Facilities

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

SITLA 675 East 500 South, Suite 500 Salt Lake City, UT 84102

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed and is attached.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it Within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operators's Representative & Certification:

Debra Domenici Associate Environmental Analyst Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435) 781-7060 Randy Bayne
Drilling Manager
Westport O&G Co.
1368 South 1200 East
Vernal, UT 84078
(435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport O&G Co. is considered to be the operator of the subject well. Westport O&G Co. agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005236.

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Surface Use & Operations Plan

Page 6

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Debra Domenici

9/29/2005

Date

WESTPORT OIL AND GAS COMPANY, L.P. NBU #1022-20D SECTION 20, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 8.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; SOUTHEASTERLY DIRECTION TURN RIGHT AND PROCEED IN A APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST: FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 420' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.4 MILES.

WESTPORT OIL AND GAS COMPANY, L.P. NBU #1022-20D

LOCATED IN UINTAH COUNTY, UTAH **SECTION 20, T10S, R22E, S.L.B.&M.**

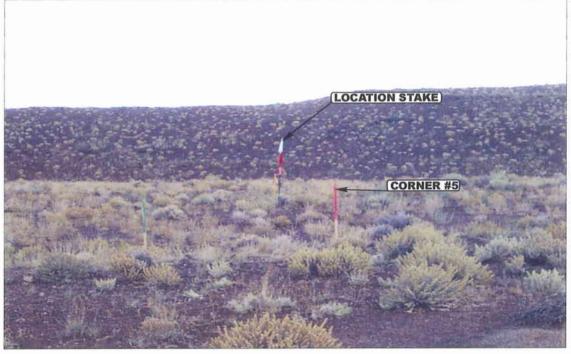


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY

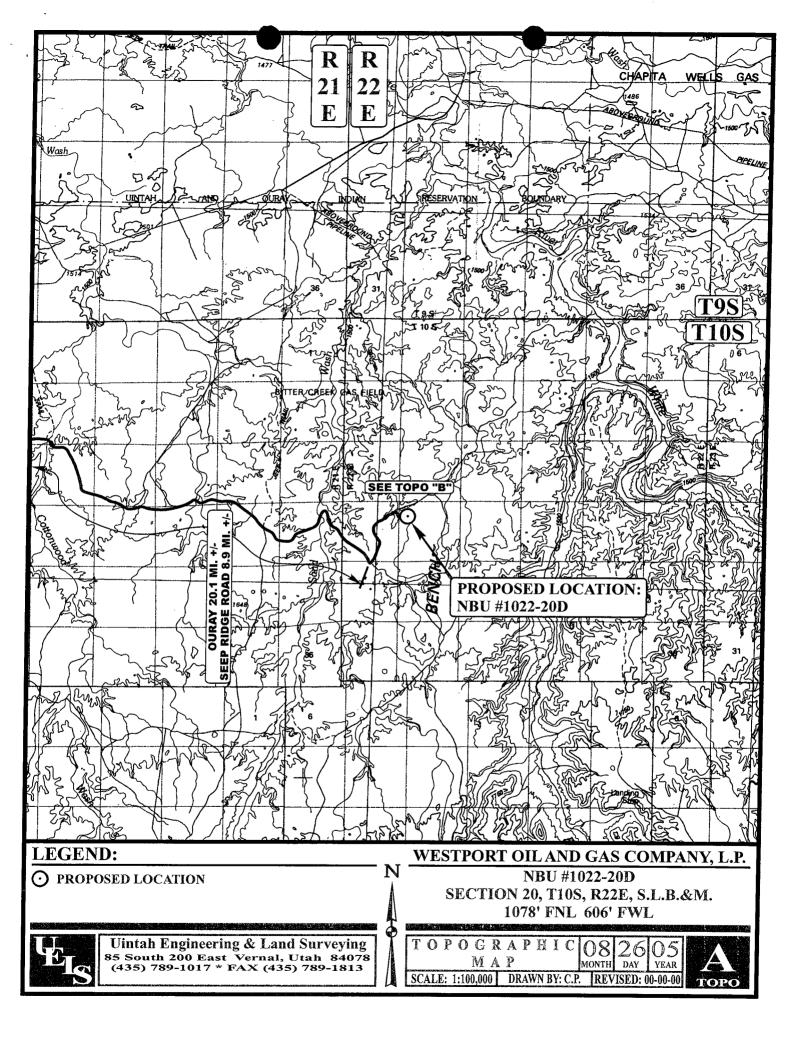


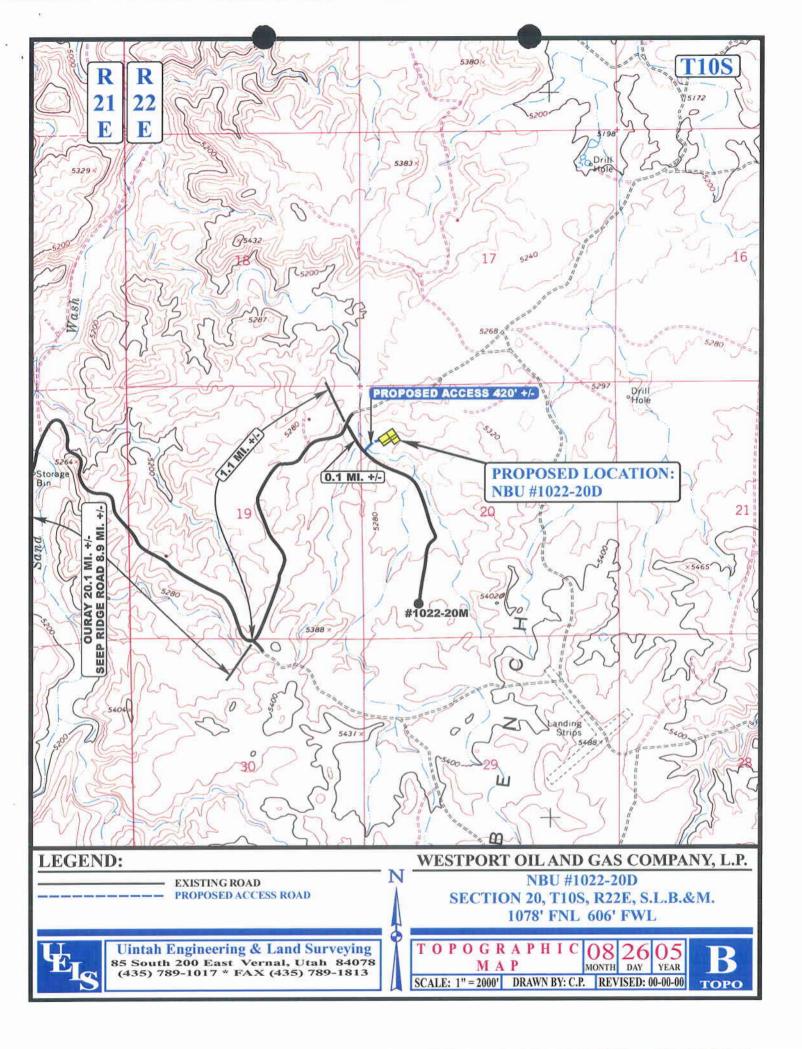
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

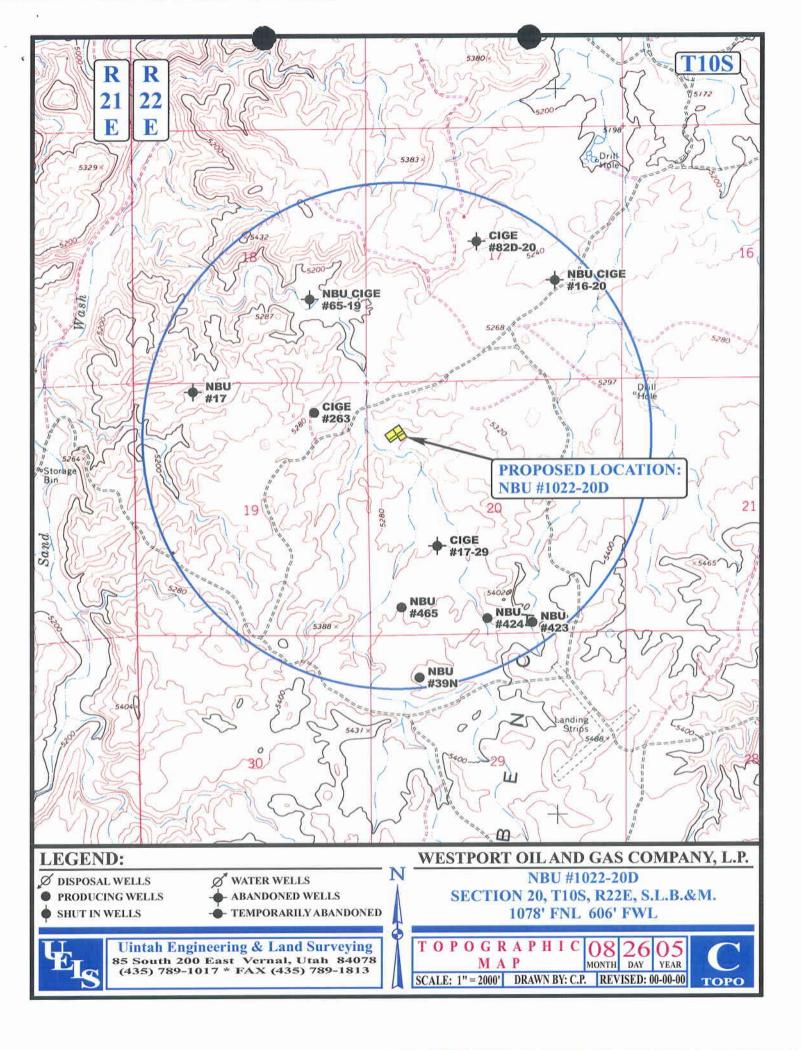
LOCATION PHOTOS

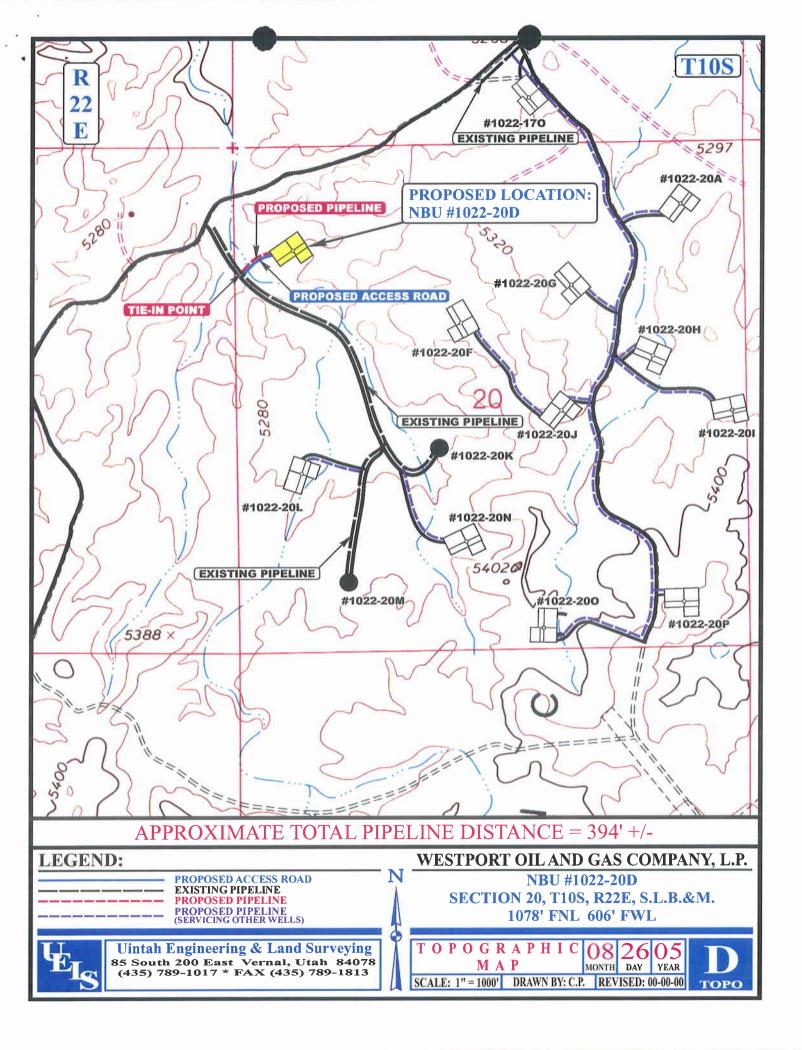
MONTH DAY YEAR TAKEN BY: G.O. DRAWN BY: C.P. REVISED: 00-00-00

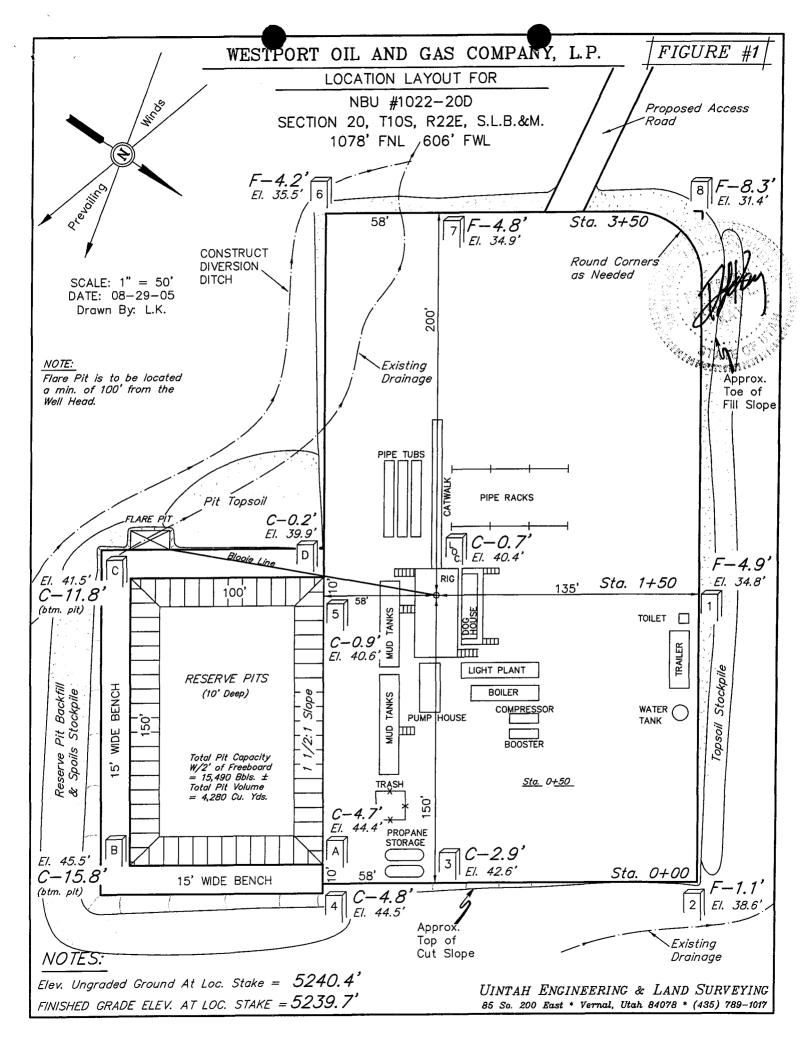
РНОТО

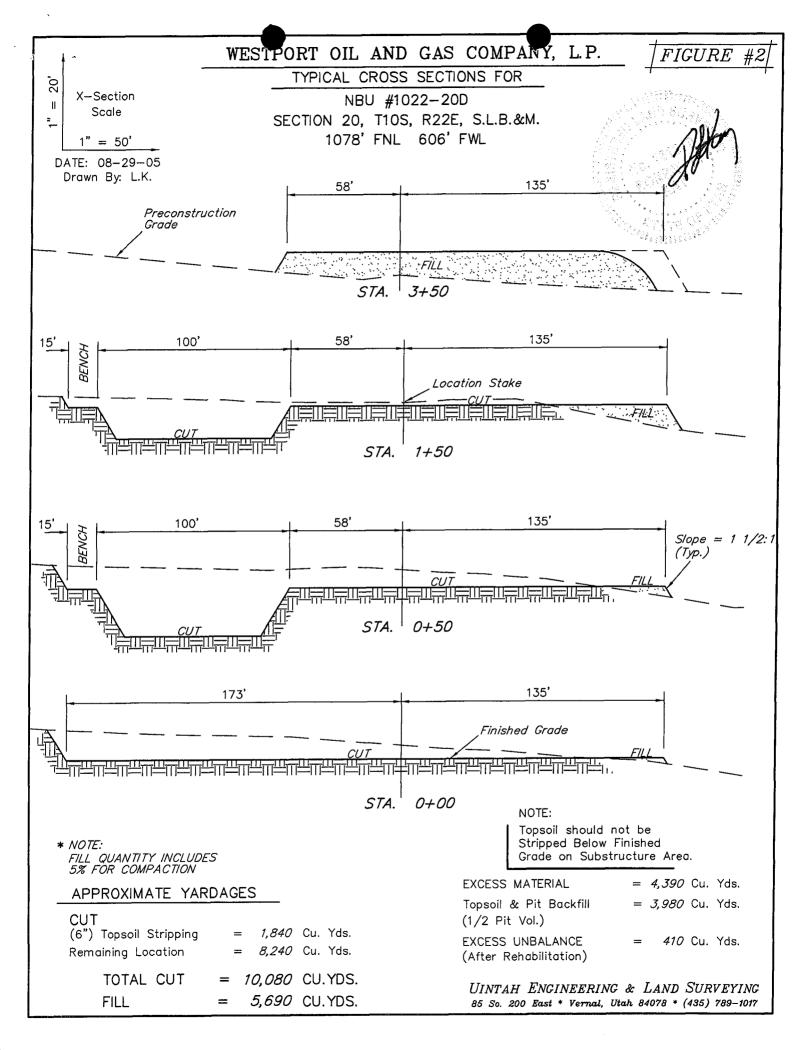




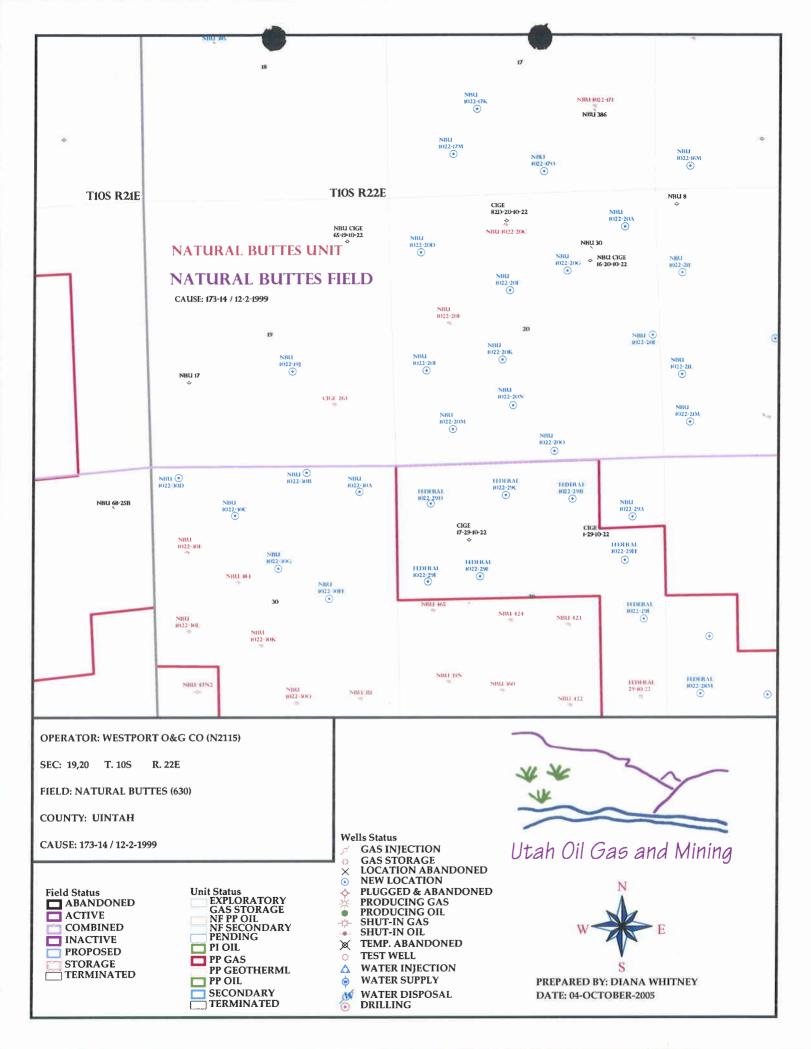








APD RECEIVE	ED: 10/03/2005	API NO. ASSIGN	ED: 43-047-37	222
WELL NAME: OPERATOR: CONTACT:	NBU 1022-20D WESTPORT OIL & GAS CO (N2115) DEBRA DOMENICI	PHONE NUMBER: $\frac{4}{}$	35-781-7060	
PROPOSED LO	OCATION: 20 100S 220E	INSPECT LOCATN	N BY: /	/
SURFACE:	: 1078 FNL 0606 FWL 1078 FNL 0606 FWL	Tech Review	Initials	Date
UINTAH	2070 1112 0000 1112	Engineering	DRO	10/24/05
NATURAL	BUTTES (630)	Geology		
LEASE TYPE:	3 - State	Surface		
PROPOSED FO	ER: 3 - State ORMATION: WSMVD CHANE WELL? NO	LATITUDE: 39.9 LONGITUDE: -109	-	
Plat Bond: (No. Potas Oil S Water (No. A) RDCC (Dat	Fed[] Ind[] Sta[] Fee[] RLB0005236	Siting: 460 F R649-3-3. F Drilling Uni Board Cause Eff Date: Siting:	General rom Qtr/Qtr & 920 Exception t No: 173-14	g incomm. trock
COMMENTS: _	Muds Press (10-12-05)		
STIPULATION	s: 1- OIL SHALT 2- STATEME	E WT OF BA	-51 S	



DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	Westport Oil & Gas Company, L.P.
WELL NAME & NUMBER:	
API NUMBER:	43-047-37222
	ec: <u>20</u> TWP: <u>10S</u> RNG: <u>22 E</u> <u>1078'</u> FNL <u>606'</u> FWL
Geology/Ground Water:	
Westport proposes to set 1,900' o	of surface casing at this location. The depth to the base of the moderately
	mated to be at a depth of 5,000'. A search of Division of Water Rights records
	00 foot radius of the center of section 20. This well is approximately 1.5 miles
	oduces from a depth of 1850'. The well is owned by the BLM and its use is
listed as stock watering. The surfa	ace formation at this site is the Uinta Formation. The Uinta Formation is
made up of interbedded shales and	d sandstones. The sandstones are mostly lenticular and discontinuous and
should not be a significant source	of useable ground water. Production casing cement should be brought to
above the base of the moderately s	saline groundwater in order to isolate it from fresher waters uphole.
Reviewer: Brace	<u>d Hill</u> <u>Date: 10/18/05</u>
<u>Surface:</u>	
	urface was performed on 10/12/2005. The site is State surface and State Mineral
	vious problems for drilling and appears to be the best location for drilling a wel
	Jim Davis and Lavonne Garrison of SITLA and Ben Williams of UDWR were
	tober 5, 2005. Mr. Williams attended and had no concerns relative to wildlife
	ms gave Mr. Estes a DWR recommended seed mix to use on the reserve pit and
when closing the location.	
Reviewer: Floyd	Bartlett Date : 10/14/05
Reviewer. 110yu	Date AVIATION

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 16 mils with a felt sub-liner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR: Westport Oil & Gas Company, L.P.

WELL NAME & NUMBER: NBU 1022-20D

API NUMBER: 43-047-37222

LEASE: ML-22974 FIELD/UNIT: Natural Buttes

LOCATION: 1/4,1/4 NW/NW Sec: 20TWP: 10S RNG: 22 E 1078' FNL 606' FWL

LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.

GPS COORD (UTM): 4421850 Y 0620708 X SURFACE OWNER: State of Utah

(SITLA)

PARTICIPANTS

Floyd Bartlett (DOGM), Carol Estes, Clay Einerson and Debra Domenici (Westport), Ben Williams (UDWR), Brandon Bowthorpe (Uintah Engineering & Land Survey).

REGIONAL/SETTING TOPOGRAPHY

The general location is in the East Bench area, approximately 20.1 miles south east of Ouray, Utah. Cottonwood Wash is approximately two miles to the west while Bitter Creek is about the same distance to the east. The site is on a slightly sloping area with numerous small swales and ridges, located in a wide drainage. A small draw is located northwest of the location. A small drainage on the northeast will be diverted around the location. Access to the area is by Uintah County and oil field access roads. Approximately 420 feet new road will be required.

SURFACE USE PLAN

CURRENT SURFACE USE: Sheep grazing, limited hunting and recreation.

PROPOSED SURFACE DISTURBANCE: Location of 350'x 193' and a reserve pit of 100' x 150' with an additional 15' wide bench. Approximately 420 feet of new road will be required. A 394' pipeline will be laid adjacent to the road All material for the location and road will be obtained onsite.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: See attached map from GIS data base.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will follow access road.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be obtained from the site.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST CONCERNS? (EXPLAIN). Unlikely, as the general use in the area is oil-field

related with numerous other wells in the surrounding area.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: Cheat grass dominated, big sage, Gardner saltbrush, curly mesquite, snake broom weed, horsebrush, shadscale, prickly pear. Antelope, rabbits,, small reptiles, birds and mammals. Sheep graze the area in the winter.

SOIL TYPE AND CHARACTERISTICS: Moderately deep medium brown sandy loam. Frequent fractured surface rock or pavement with some cobble sized rocks..

EROSION/SEDIMENTATION/STABILITY: Very little natural erosion.

Sedimentation and stability are not a problem and location construction shouldn't cause an increase in stability or erosion problems. A small drainage through the northeast portion of the proposed location will be diverted around the site.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: 1000' by 150' and 10'deep. The reserve pit is all within cut. A 15' wide bench is planned around the outer edges and 2 'of freeboard.

LINER REQUIREMENTS (Site Ranking Form attached): Level 1 sensitivity. A 16-mil liner with a felt pad will be required for the reserve pit. Westport stated they use, as a minimum standard, a 20-mil liner with a felt sub-liner.

SURFACE RESTORATION/RECLAMATION PLAN

As per SITLA requirements.

SURFACE AGREEMENT:

As per SITLA requirements.

CULTURAL RESOURCES/ARCHAEOLOGY: Surveyed on 8-21-2005 by MOAC. Report has been submitted to SITLA.

OTHER OBSERVATIONS/COMMENTS

Ben Williams of the UDWR stated that the area is classified as critical

yearlong antelope range, however he did not recommend any stipulations, as water is the limiting factor affecting the population not forage. No other wildlife is expected to be affected.

This predrill investigation was conducted on a sunny day.

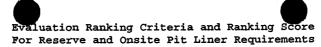
ATTACHMENTS

Photos of this site were taken and placed on file.

FLOYD BARTLETT
DOGM REPRESENTATIVE

10/12/2005; 11:30 AM

DATE/TIME

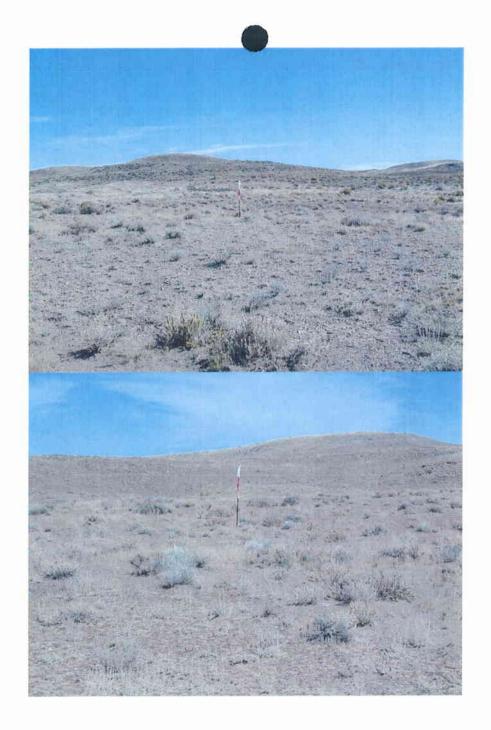


	De 11 1 2 2	Gito Donling
Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)	•	
>200 100 to 200	0 5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	0
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000 200 to 300	2 10	
100 to 200	15	
< 100	20	
Distance to Nearest Municipal		
Well (feet)		
>5280	0	
1320 to 5280	5 10	
500 to 1320 <500	20	0
Distance to Other Wells (feet)	0	
>1320 300 to 1320	0 10	
<300	20	10
Nation Coil Thron		
Native Soil Type Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	5
- 100 - 100		
Drill Cuttings Normal Rock	0	
Salt or detrimental	10	0
August Promisitation (inches)		
Annual Precipitation (inches) <10	0	
10 to 20	5	
>20	10	0
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8 10	0
>50	10	
Presence of Nearby Utility		
Conduits Not Present	0	
Unknown	10	
Present	15	0

Final Score 25 (Level I Sensitivity)

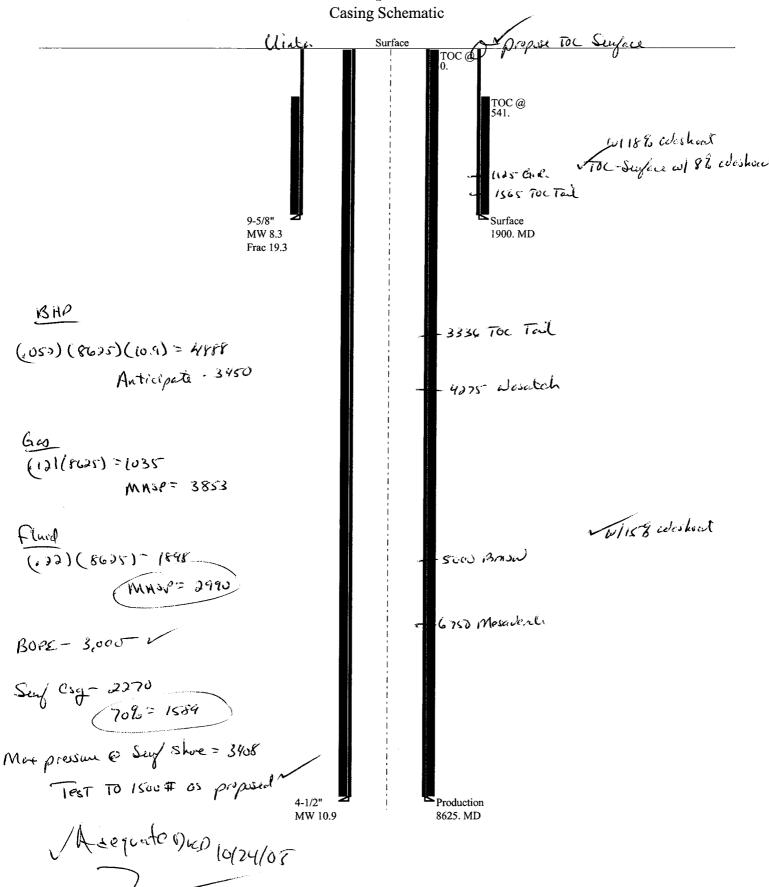
Sensitivity Level I = 20 or more; total containment is required. Sensitivity Level I = 15-19; lining is discretionary.

Sensitivity Level II = below 15; no specific lining is required.





10-05 Westport NBU 1022-20D



Well name:

10-05 Westport NBU 1022-20D

Operator:

Westport Oil & Gas

String type:

Surface

Location:

Uintah County, Utah

Project ID:

43-047-37222

Design parameters:

Collapse

Mud weight:

8.300 ppg Design is based on evacuated pipe.

Minimum design factors:

Collapse: Design factor

1.125

Environment:

H2S considered? Surface temperature:

65 °F 92 °F

No

Bottom hole temperature: Temperature gradient:

1.40 °F/100ft

Minimum section length:

299 ft

Burst:

Design factor

1.00

1.80 (J) 1.80 (J)

1.60 (J)

Cement top:

542 ft

Burst

Max anticipated surface

pressure:

1,071 psi 0.436 psi/ft

Internal gradient: Calculated BHP 1,900 psi

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC: Buttress:

1.50 (J) Premium: Body yield: 1.50 (B)

Tension is based on air weight. Neutral point: 1,668 ft Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight: Next setting BHP:

8.625 ft 10.900 ppg 4,884 psi 19.250 ppg

Fracture mud wt: Fracture depth: Injection pressure

1,900 ft 1,900 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1900	9.625	32.30	H-40	ST&C	1900	1900	8.876	120.4
Run Seq	Collapse Load (psi) 819	Collapse Strength (psi) 1370	Collapse Design Factor 1.672	Burst Load (psi) 1900	Burst Strength (psi) 2270	Burst Design Factor 1.19	Tension Load (Kips) 61	Tension Strength (Kips) 254	Tension Design Factor 4.14 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining by:

Phone: (801) 538-5281 FAX: (801)359-3940

Date: October 19,2005 Salt Lake City, Utah

ENGINEERING STIPULATIONS -

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.



Well name:

10-05 Westport NBU 1022-20D

Operator:

Westport Oil & Gas

String type:

Production

Location:

Uintah County, Utah

Project ID: 43-047-37222

Design parameters:

Collapse

Mud weight: Design is based on evacuated pipe.

10.900 ppg

Design factor

Minimum design factors:

Collapse:

1.125

Environment:

H2S considered?

65 °F Surface temperature: 186 °F Bottom hole temperature:

Temperature gradient: 1.40 °F/100ft Minimum section length: 1,500 ft

Burst:

Design factor

1.00

Cement top:

Surface

No

Burst

Max anticipated surface

pressure:

1,120 psi

Internal gradient: Calculated BHP

0.436 psi/ft 4,884 psi

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC:

Buttress: Premium: Body yield: 1.50 (B)

Non-directional string.

1.80 (J) 1.80 (J) 1.60 (J) 1.50 (J)

Tension is based on air weight. Neutral point: 7,220 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8625	4.5	11.60	M-80	LT&C	8625	8625	3.875	199.9
Run Seq	Collapse Load (psi) 4884	Collapse Strength (psi) 6350	Collapse Design Factor 1.300	Burst Load (psi) 4884	Burst Strength (psi) 7780	Burst Design Factor 1.59	Tension Load (Kips) 100	Tension Strength (Kips) 267	Tension Design Factor 2.67 B

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining by:

Phone: (801) 538-5281 FAX: (801)359-3940

Date: October 19,2005 Salt Lake City, Utah

ENGINEERING STIPULATIONS -

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

October 4, 2005

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development Natural Buttes Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Natural Buttes Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Wasatch-MesaVerde)

43-047-37218 NBU 1022-19J Sec 19 T10S R22E 1891 FSL 1969 FEL 43-047-37219 NBU 1022-20N Sec 20 T10S R22E 1131 FSL 2368 FWL 43-047-37220 NBU 1022-20L Sec 20 T10S R22E 1861 FSL 0669 FWL 43-047-37221 NBU 1022-20F Sec 20 T10S R22E 1867 FNL 2350 FWL 43-047-37222 NBU 1022-20D Sec 20 T10S R22E 1078 FNL 0606 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc

File - Natural Buttes Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron From:

Ed Bonner

To:

Whitney, Diana

Date:

12/20/2005 9:54:05 AM

Subject:

Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Enduring Resources, LLC

Big Pack 12-21-11-2

Big Pack 12-21-13-2

Big Pack 12-21-24-2

EOG Resources, Inc.

Chapita Wells Unit 695-32

The Houston Exploration Company

North Walker Hollow 2-32-6-23

North Walker Hollow 8-32-6-23

North Walker Hollow 10-32-6-23

North Walker Hollow 12-32-6-23

North Walker Hollow 16-32-6-23

North Horseshoe 12-7-6-22

North Horseshoe 16-9-6-22

North Horseshoe 14-10-6-22

North Horseshoe 2-15-6-22

North Horseshoe 4-15-6-22

Westport Oil & Gas Company

NBU 1022-20N

NBU 1022-20L

NBU 1022-20F

NBU 1022-20D

If you have any questions regarding this matter please give me a call.

CC: Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.

GARY R. HERBERT Lieutenant Governor

December 20, 2005

Westport Oil & Gas Company LP 1368 S 1200 E Vernal, UT 84078

Re:

Natural Buttes Unit 1022-20D Well, 1078' FNL, 606' FWL, NW NW, Sec. 20,

T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37222.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Uintah County Assessor

SITLA

Bureau of Land Management, Vernal District Office

Operator:	Westport Oil & Gas Company LP	
Well Name & Number	Natural Buttes Unit 1022-20D	
API Number:	43-047-37222	_
Lease:	ML-22974	_

Location: NW NW

Sec. 20

T. 10 South

R. 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

Page 2 43-047-37222 December 20, 2005

6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

ROUTING 1. DJJ 2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has chan	1/6/2006					
FROM: (Old Operator):		TO: (New Operator):				
N2115-Westport Oil & Gas Co., LP		N2995-Kerr-McGee Oil & Gas Onshore, LP				
1368 South 1200 East	1368 S	outh 1200	East			
Vernal, UT 84078	Vernal, UT 84078					
Phone: 1-(435) 781-7024		Phone: 1-(435)	781-7024			
CA No.		Unit:		ATURAL B		
WELL NAME	SEC TWN RNG	1	ENTITY		WELL	WELL
	l		NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENT	ATION					
Enter date after each listed item is completed						
1. (R649-8-10) Sundry or legal documentation wa	as received from the	FORMER ope	rator on:	5/10/2006		
2. (R649-8-10) Sundry or legal documentation wa	as received from the	NEW operator	on:	5/10/2006	•	
3. The new company was checked on the Depart	ment of Commerce	, Division of Co	rporation	s Database o	n:	3/7/2006
4a. Is the new operator registered in the State of U	Jtah: YES	Business Numb	er:	1355743-018	1	
4b. If NO, the operator was contacted contacted of						
5a. (R649-9-2)Waste Management Plan has been re		IN PLACE				
5b. Inspections of LA PA state/fee well sites comp		n/a	3 LA well	s & all PA w	ells tran	sferred
5c. Reports current for Production/Disposition & S		ok				
6. Federal and Indian Lease Wells: The				-		ge,
or operator change for all wells listed on Feder	al or Indian leases o	n:	BLM	3/27/2006	BIA	not yet
7. Federal and Indian Units:	e of unit amountage for	rrolla liatad omi		2/27/2006		
8. Federal and Indian Communization				3/27/2006		
The BLM or BIA has approved the operator	•	,		n/a		
9. Underground Injection Control ("U		vision has appro	ved UIC F	orm 5, Trans	sfer of A	uthority to
Inject, for the enhanced/secondary recovery ur	uit/project for the wa	iter disposal wel	l(s) listed o	on:		
DATA ENTRY:						
1. Changes entered in the Oil and Gas Database	on:	5/15/2006				
2. Changes have been entered on the Monthly O		read Sheet on:		5/15/2006		
3. Bond information entered in RBDMS on:		5/15/2006				
4. Fee/State wells attached to bond in RBDMS or		5/16/2006				
5. Injection Projects to new operator in RBDMS						
6. Receipt of Acceptance of Drilling Procedures f	or APD/New on:		n/a	Name Chan	ge Only	
BOND VERIFICATION:						
1. Federal well(s) covered by Bond Number:	•	CO1203				
2. Indian well(s) covered by Bond Number:	Z S 11 1	RLB0005239		D. D. C.	-	
3. (R649-3-1) The NEW operator of any fee well	-			RLB0005236		
a. The FORMER operator has requested a release The Division sent response by letter on:	of liability from the	ır bond on:	n/a	_rider added	KMG	
LEASE INTEREST OWNER NOTIFIC	CATION:					
4. (R649-2-10) The FORMER operator of the fee		acted and inform	ned by a let	tter from the l	Division	
of their responsibility to notify all interest owne			5/16/2006		~ 1 v 1,51Q11	
COMMENTS:						

* Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS					MULTIPLE LEASES		
	form for proposals to Use Form 3160-3 (APD)				6. If Indian, Allottee or Tri	be Name	
SUBMIT IN TRIPLICATE – Other instructions on reverse side				7. If Unit or CA/Agreemen	t, Name and/or No.		
. Type of Well					4		
Oil Well X Gas Well	Other				8. Well Name and No.		
2. Name of Operator					MUTIPLE WELLS	3	
(ERR-McGEE OIL & GAS (DNSHORE LP				9. API Well No.		
a. Address			one No. (inclu	de area code)			
368 SOUTH 1200 EAST V. Location of Well (Footage, Sec.,		<u> </u>	81-7024		10. Field and Pool, or Explo	ratory Area	
bocation of well (Poolinge, Sec.,	1., K., M., or Survey Description	on)			11. County or Parish, State		
SEE ATTACHED							
					UINTAH COUNTY, U	TAH	
12. CHECK APP	ROPRIATE BOX(ES) TO	NDICAT	E NATURE	OF NOTICE,	REPORT, OR OTHER DAT	`A	
TYPE OF SUBMISSION			TY	PE OF ACTIO	N		
Notice of Intent	Acidize	Deep	еп	Production	on (Start/Resume)	hut-Off	
Subsequent Report	Alter Casing	-	ure Treat	Reclamat			
A Subsequent Report	Casing Repair Change Plans	=	Construction and Abandon	Recomple	ily Abandon OPERA	CHANGE OF	
Final Abandonment Notice	Convert to Injection		Back	Water Dis			
PLEASE BE ADVISED THAT DPERATOR OF THE ATTA (ERR-McGEE OIL & GAS C DF THE LEASE(S) FOR TH S PROVIDED BY STATE O	CHED WELL LOCATIONSHORE LP, IS RESI E OPERATIONS CON	NS. EF PONSIB DUCTEI	FECTIVE LE UNDE D UPON L	JANUARY (R TERMS A EASE LAND	5, 2006. ND CONDITIONS DS. BOND COVERAGE	RECEIVED MAY 1 0 2006 IV. OF OIL. GAS & MIN	
BLM B	ONO = C0/203	?	Al	PPROVE	ED <u>5/16/06</u>		
BIA B	OND = RLBOO	052.	39	Carleya	Purell		
4. I hereby certify that the foregoing			Div		Gas and Mining		
Name (Printed/Typed)	3	Title			, Engineering Technicia	n	
RANDY BAYNE Signature			LING MAN	NAGER			
Kanky Sayne		Date May	9, 2006				
	THIS SPACE	FOR FE	DERAL OR	STATE USE			
pproved by			Title		Date		
Conditions of approval, if any, are attached ertify that the applicant holds legal or equivalent would entitle the applicant to conduct	table title to those rights in the sub	varrant or ject lease	Office	· · · · · · · · · · · · · · · · · · ·			
Title 18 U.S.C. Section 1001, make		wingly and	d willfully to	make to any de	partment or agency of the Unite	ed States any	
61 6 33 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		57			Carrier or affering or the Ollin	a cuito arry	

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS 5. Lease Serial No. MULTIPLE LEASES

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

		7. If Unit or CA/Agreement, Name and/or No.
SUBMIT IN TRIPLICATE – Other ins	tructions on reverse side	and the second s
1. Type of Well		-
Oil Well X Gas Well Other	8. Well Name and No.	
2. Name of Operator		MUTIPLE WELLS
WESTPORT OIL & GAS COMPANY L.P.		9. API Well No.
3a. Address	3b. Phone No. (include area code)	7
1368 SOUTH 1200 EAST VERNAL, UT 84078	(435) 781-7024	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Descr	iption)	
OFF ATTAQUED		11. County or Parish, State
SEE ATTACHED		UINTAH COUNTY, UTAH
12. CHECK APPROPRIATE BOX(ES) T	O INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTIO	N
Notice of Intent	Deepen Productio	n (Start/Resume) Water Shut-Off
	Fracture Treat Reclamat	
Casing Repair Change Plans	New Construction Recomple Plug and Abandon Temporar	other CHANGE OF OPERATOR
Final Abandonment Notice Convert to Injectio		
13. Describe Proposed or Completed Operations (clearly state all pertir If the proposal is to deepen directionally or recomplete horizontally Attach the Bond under which the work will be performed or provi following completion of the involved operations. If the operation testing has been completed. Final Abandonment Notices shall be determined that the site is ready for final inspection.	y, give subsurface locations and measured and tr ide the Bond No. on file with BLM/BIA. Requiresults in a multiple completion or recompletion	rue vertical depths of all pertinent markers and zones. pired subsequent reports shall be filed within 30 days ting a new interval a Form 1160 4 shall be filed green.
EFFECTIVE JANUARY 6, 2006, WESTPORT OF THE OPERATORSHIP OF THE ATTACHED WE ONSHORE LP. APP	PROVED 5/6/06	EE OIL & GAS
	Carlone Russell	RECEIVED
Divisi	on of Oil. Gas and Mining	MAY 1 0 2006
Earlen	ne Russell, Engineering Technicia	n n
14. I hereby certify that the foregoing is true and correct		DIV OF OIL, GAS & MINING

Name (Printed/Typed)
BRAD LANEY
ENGINEERING SPECIALIST

Date
May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by
Title
Date
5-9-06

Conditions of approval, if any, are attacked. Approval of this notice does not warrant or certify that the applicant holds legal of equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company:	KE	RR-McGEE OIL	& GAS ONSI	HORE LP
Well Name:	NB	U 1022-20D		
Api No: 43-047-	37222	Lease Type	:STATE	
Section 20 Town	nship <u>10S</u>	Range 22E	County	UINTAH
Drilling Contractor	PETE	MARTIN	RIG	# BUCKET
SPUDDED:				
Date	09/30/0	06		
Time	8:00 A	<u> </u>		
How	DRY			
Drilling will Comm	nence:			
Reported by	LOU	WELDON		
Telephone #	(435)	828-7035		
Date 10/03/06	Signed	CHD		

01

STATE OF UTAH DIVISION OF OIL, GAS AND LINKING ENTITY ACTION FORM-FORM6

OPERATOR	KERR-MEGEE WESTPORTO & GEOMPANY, L.P.
ADDRESS	1368 SOUTH 1200 EAST
	VERNAL, UT 84078

OPERATOR ACCT. NO. N

LOTION! I	CURRENT	NEW	API NUMBER	WELL NAME			WELL LO	CATION		SPUD	EFFECTIVE
ACTION CODE	ENTITY NO.	ENTITY NO.	AFTROMBER	THE TWO INC.	QQ	SC	TP	RG	COUNTY	DATE	DATE
A	99999	15684	4304736415	STATE 1021-361	NESE	36	T108	R21E	UINTAH	10/2/2006	10/5/06
VELL 1 CC	DMMENTS:		ig WS7	MILL							
		TAIN DRILLIN	ig MON	NUD							
	ELL AT 1700		15115	WELL NAME			WCI I	OCATION		SPUO	EFFECTIVE
ACTION	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	ALETT LAWIC	QQ	SC	TP	RG	COUNTY	DATE	DATE
CODE	99999	2900	4304737222	NBU 1022-20D	имии	20	TIOS	R22E	НАТИТ	9/30/2006	10/5/06
VELL 2 CC	OMMENTS:	<u>. </u>	. 1	10							,
	TE MARTIN	DRILLING	WSmV	D							
SPUD WI	ELL AT 0800	HR 9/30/06									
ACTION	CURRENT	NEW	API NUMBER	WELL NAME	-			OCATION	ACH MITTY	SPUD	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.			QQ	SC	TP	RG	COUNTY	DATE	DATE
											1
AIEI 2 C	OMMENTS:	J					<u> </u>		<u> </u>		
MELLIO	OMMENTS.										
											i
								OCATION		SPUD	T EFFECTIVE
ACTION	CHOOSENT	MEW	APIANIMRER	WELL NAME			WELL	CALICIT		i SPUU	i culcoure i
ACTION	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	DATE	DATE
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC			COUNTY		1
			API NUMBER	WELL NAME	QQ	SC			COUNTY		1
CODE			API NUMBER	WELL NAME	QQ	SC			COUNTY		1
CODE	ENTITY NO.		API MUMBER	WELL NAME	QQ	SC			COUNTY		1
CODE WELL 4 Co	ENTITY NO. OMMENTS:	ENTITY NO.			QQ	SC	TP	RG	COUNTY	DATE	DATE
WELL 4 CO	ENTITY NO. OMMENTS: CURRENT	ENTITY NO.	API NUMBER	WELL NAME WELL NAME			WELL	RG		DATE	DATE
CODE WELL 4 Co	ENTITY NO. OMMENTS:	ENTITY NO.			QQ	SC	TP	RG	COUNTY	DATE	DATE
WELL 4 CO	ENTITY NO. OMMENTS: CURRENT	ENTITY NO.					WELL	RG		DATE	DATE
WELL 4 CO	OMMENTS: CURRENT ENTITY NO.	ENTITY NO.					WELL	RG		DATE	DATE
WELL 4 CO	ENTITY NO. OMMENTS: CURRENT	ENTITY NO.					WELL	RG		DATE	DATE
WELL 4 CO	OMMENTS: CURRENT ENTITY NO.	ENTITY NO.					WELL	RG		DATE	DATE
WELL 4 CO ACTION CODE	CURRENT ENTITY NO. CURRENT ENTITY NO. OMMENTS:	NEW ENTITY NO.	APINUMBER				WELL	RG		DATE	DATE
ACTION CODE	CURRENTS: CURRENT ENTITY NO. OMMENTS: COMMENTS:	NEW ENTITY NO.	APINUMBER				WELL	RG		DATE	DATE
ACTION CODE	CURRENTS: CURRENT ENTITY NO. OMMENTS: CODES (See ins	NEW ENTITY NO.	APINUMBER t of form) (single well only)				WELL	RG		DATE	DATE
ACTION CODE WELL 5 C ACTION C A - B -	CURRENTS: CURRENT ENTITY NO. OMMENTS: CODES (See in: Establish new e	NEW ENTITY NO. structions on back ritily for new well a existing entity (g	APINUMBER t of form) (single well only) roup or unit well)				WELL	RG		DATE	DATE
ACTION CODE WELL 5 C ACTION C A - B - C -	CURRENTS: CURRENT ENTITY NO. OMMENTS: CODES (See in: Establish new e Add new well to Re-assign well	NEW ENTITY NO. structions on back ritity for new well a existing entity (g from one existing	APINUMBER t of form) (single well only) roup or unit well) entity to another e	WELL NAME		SC	WELL	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
ACTION CODE WELL 5 C ACTION C A - B - C - D -	CURRENTS: CURRENT ENTITY NO. OMMENTS: CODES (See in: Establish new e. Add new well in: Re-assign well r-assign well re-assign well re-assign well re-assign well re-assi	NEW ENTITY NO. Structions on back with for new well existing entity (g from one existing from the existing from the existing from the existing from the exi	API NUMBER t of form) (single well only) roup or unit well) entity to another el	Post-it ^e Fax Note 7671	QQ		WELL	RG	COUNTY	DATE	EFFECTIVE DATE
WELL 4 CODE WELL 5 C ACTION C A- B- C- D- E-	CURRENTS: CURRENT ENTITY NO. COMMENTS: CODES (See in: Establish new et add new well to Re-assign well to ther (explain is	NEW ENTITY NO. Structions on back ratify for new well a existing entity (g from one existing from one existing an comments section.	API NUMBER t of form) (single well only) roup or unit well) entity to another el entity to a new en ion)	Post-It* Fax Note 7671 P	aq aq	SC	WELL	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 4 CODE WELL 5 C ACTION C A- B- C- D- E-	CURRENTS: CURRENT ENTITY NO. COMMENTS: CODES (See in: Establish new et add new well to Re-assign well to ther (explain is	NEW ENTITY NO. Structions on back ratify for new well a existing entity (g from one existing from one existing an comments section.	API NUMBER t of form) (single well only) roup or unit well) entity to another el	Post-It* Fax Note 7671 P	QQ	SC	WELL	RG	COUNTY Signature REGULATO Title	SPUD DATE ORY CLERK	DATE EFFECTIVE DATE 10/03/06 Dale
WELL 4 CODE WELL 5 C ACTION C A- B- C- D- E-	CURRENTS: CURRENT ENTITY NO. COMMENTS: CODES (See in: Establish new et add new well to Re-assign well to ther (explain is	NEW ENTITY NO. Structions on back ratify for new well a existing entity (g from one existing from one existing an comments section.	API NUMBER t of form) (single well only) roup or unit well) entity to another el entity to a new en ion)	Post-it* Fax Note 7671 D To FRUIT RUSSELL F	aq aq	SC S	WELLI	RG	COUNTY	SPUD DATE ORY CLERK	EFFECTIVE DATE
MELL 4 CODE ACTION CODE WELL 5 C ACTION C A- B- C- D- E- NOTE: Us	CURRENTS: CURRENT ENTITY NO. COMMENTS: CODES (See in: Establish new et add new well to Re-assign well to ther (explain is	NEW ENTITY NO. Structions on back ratify for new well a existing entity (g from one existing from one existing an comments section.	API NUMBER t of form) (single well only) roup or unit well) entity to another el entity to a new en ion)	Post-It* Fax Note 7671 D To FRUIL RVSSU F CorDept 17- NGM C Phone # 201-538-53310 P	Prone #4357	sc Sc Mt7 Ct1ce	WELL	RG	COUNTY Signature REGULATO Title	SPUD DATE ORY CLERK	DATE EFFECTIVE DATE 10/03/06 Dale

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

	Lease Designation and Serial Number
	ML-22974
	7. Indian Allottee or Tribe Name
i.	8. Unit or Communitization Agreement
	NATURAL BUTTES
	9. Well Name and Number
	NBU 1022-20D
	10. API Well Number
	4304737222
r	11. Field and Pool, or Wildcat
	NATURAL BUTTES
	UINTAH
_	UTAH
CE	, REPORT, OR OTHER DATA
SUE	BSEQUENT REPORT
(Sul	omit Original Form Only)
ent	* New Construction
oair	Pull or Alter Casing
Pla	ns Shoot or Acidize
ı to	Injection Vent or Flare
eat	Water Shut-Off
JD	
on	9/30/06
	Completions and Recompletions to different reservoirs
	OR RECOMPLETION AND LOG form.
	ied by a cement verification report. dates. If well is directionally drilled, give subsurface
ent C	iales. II well is directionally drilled, give subsurface
	WELL @ 0800 HR 9/30/06 DRILL
ΆT	E NOTIFIED OF SPUD. WOAR

DIVISIO	ON OF OIL, GAS AND MINI	NG	Lease Designation and Serial Number
			ML-22974
			7. Indian Allottee or Tribe Name
	ES AND REPORTS ON		
Do not use this form for proposals to drill new		plugged and abandoned wells.	8. Unit or Communitization Agreement
Use APPLICA	ATION FOR PERMIT — for such proposals		NATURAL BUTTES
1. Type of Well			Well Name and Number
Oil X Gas Well	Other (specify)		NBU 1022-20D
2. Name of Operator			10. API Well Number
KERR-MCGEE OIL & GAS ONSI	HORE LP	T	4304737222
3. Address of Operator	AT TITATIO4070	4. Telephone Number 435-781-7003	11. Field and Pool, or Wildcat NATURAL BUTTES
1368 SOUTH 1200 EAST, VERNA 5. Location of Well	IL, UTAH 840/8	433-761-7003	TATTOIGE BOTTES
1	L 606' FWL	County :	UINTAH
Footage : 1078' FN QQ, Sec, T., R., M : NWNW,		•	UTAH
			, REPORT, OR OTHER DATA
			BSEQUENT REPORT
NOTICE OF (Submit in Di			bmit Original Form Only)
Abandonment	New Construction	Abandonment	
Casing Repair	Pull or Alter Casing	Casing Repair	
Change of Plans	Recompletion	Change of Pla	
Conversion to Injection	Shoot or Acidize	Conversion to	
Fracture Treat	Vent or Flare	Fracture Treat	=
Multiple Completion	Water Shut-Off	X Other SPUD	<u> </u>
	Water ond: on		
Other		Date of Work Completion	9/30/06
Americanto Dato Work Will Start		Bate of From Completion	3700700
Approximate Date Work Will Start		Report results of Multiple	Completions and Recompletions to different reservoirs
		on WELL COMPLETION	OR RECOMPLETION AND LOG form.
		<u> </u>	ied by a cement verification report.
13. DESCRIBE PROPOSED OR COMPLET	ED OPERATIONS (Clearly state all perf	tinent details, and give pertinent of	dates. If well is directionally drilled, give subsurface
locations and measured and true vertica	I depths for all markers and zones pertine	ent to this work.) LIP RUCKET RIG SPLID	WELL @ 0800 HR 9/30/06 DRILL
AND SET 40' SCHEDULE 10 PIP	F DRILL RODENT HOLES F	OR 38 BLM AND STAT	E NOTIFIED OF SPUD. WOAR
AND SET 40 SCHEDOLE TOTAL	E DRILL RODENT HOLLS I	OK JO DENTIN D STILL	
14. I hereby certify that the foregoing is	s true and correct.		
•	-tarra III	1/1 D	rulatory Clerk Date 10/03/06
Name & Signature RAMEY HO	OPES /Y///////////////////////////////////	Title Reg	gulatory Clerk Date 10/03/06
(State Use Only)			

OCT 1 1 2006

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22974
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter proposals.	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: NBU 1022-20D
2. NAME OF OPERATOR: KERR McGEE OIL AND GAS ONSHORE LP	9. API NUMBER: 4304737222
3. ADDRESS OF OPERATOR: PHONE N	UMBER: 10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1078' FNL 606' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 20 10S 22E	COUNTY: UINTAH STATE:
	UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NO	
TYPE OF SUBMISSION NOTICE OF INTENT (Submit in Duplicate) ACIDIZE ALTER CASING FRACTURE TREAT Approximate date work will start: CASING REPAIR CHANGE TO PREVIOUS PLANS OPERATOR CHANGE CHANGE TUBING PLUG AND ABANDON CHANGE WELL NAME PLUG BACK CHANGE WELL STATUS PRODUCTION (START) COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WILL TOMMINGLE PRODUCING FORMATIONS RECOMPLETE - DIFFE	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF ELL SITE OTHER: SET SURF CSG
MIRU BILL JR'S RATHOLE DRILLING ON 10/2/06. DRILLED 12 1/4" SURFA CLASS G 3.82 YIELD 11 PPG. TAILED CMT W/200 SX PREM CLASS G @ 15.8 PPG 1.15 YIELD DOWN BACKSIDE, WOC. 2ND TOP OUT DOWN BACKSIDE, NO CMT TO SURFACE, WOC. 3RD TOP OUT W/225 CL BACKSIDE, CMT TO SURFACE AND STAYED AT SURFACE. WORT.	CE HOLE TO 2020'. RAN 9 5/8" 170 JTS 15.8 PPG 1.15 YIELD. 1ST TOP OUT W/100 SX T W/125 SX CLASS G @ 15.8 PPG 1.15 YIELD
NAME (PLEASE PRINT)	6/2006
- (/) w-/	

(This space for State use only)

To Cale Back Strain

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

(This space for State use only)	
SIGNATURE ////////////////////////////////////	
NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE SENIOR LAND A	ADMIN SPECIALIST
FINISHED DRILLING FROM 2020' TO 8830' ON 01/04/2007. RAN 4 1/2" 11.6# I-80 PROE SX PREM LITE II @11.0 PPG 3.38 YIELD. TAILED CMT W/1151 SX 50/50 POZ @14.3 PF BBLS CLAYFIX FINAL CIRC PSI 2800 BUMP PLUG PSI 3200 FLOATS HELD 10 BBLS LE PROD CSG SLIPS 90K NIPPLE DOWN CUT OFF CSG. CLEAN PITS. RELEASED PIONEER RIG 38 ON 01/05/2007 AT 0400 HRS.	PG 1.31 YIELD. DISPLACE W/136
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	
CHANGE TUBING PLUG AND ABANDON SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: CHANGE WELL NAME PRODUCTION (START/RESUME) COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	WATER DISPOSAL WATER SHUT-OFF OTHER: FINAL DRILLING OPERATIONS
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: CASING REPAIR NEW CONSTRUCTION CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR
TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
FOOTAGES AT SURFACE: 1078'FNL, 606'FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 20 10S 22E	COUNTY: UINTAH STATE: UTAH
1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078 (435) 781-7024	NATURAL BUTTES
KERR McGEE OIL & GAS ONSHORE LP 3. ADDRESS OF OPERATOR: PHONE NUMBER:	4304737222 10. FIELD AND POOL, OR WILDCAT:
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: NBU 1022-20D 9. API NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22974

RECEIVED JAN 1 1 2007

	STATE OF UTAH		FORM 9
t	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS AND MIN		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22974
SUNDRY	NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill no	ow wells, significantly deepen existing wells below curre terals. Use APPLICATION FOR PERMIT TO DRILL for	ent bottom-hole depth, reenter plugged wells, or to rm for such proposals.	7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
1. TYPE OF WELL OIL WELL	GAS WELL 🚺 OTHER _		8. WELL NAME and NUMBER: NBU 1022-20D
2. NAME OF OPERATOR: KERR McGEE OIL & GAS	ONSHORE LP		9. API NUMBER: 4304737222
3. ADDRESS OF OPERATOR:	VERNAL STATE UT ZIP	PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL	Girtist. List		
FOOTAGES AT SURFACE: 1078'F	NL, 606'FWL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN: NWNW 20 10S 22	2E	STATE: UTAH
11. CHECK APPR	ROPRIATE BOXES TO INDICATI	E NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
United of Within	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
✓ SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER: PRODUCTION
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	START-UP
	OMPLETED OPERATIONS. Clearly show all pe		
THE SUBJECT WELL LO	CATION WAS PLACED ON PRO	DUCTION ON 02/07/2007 AT 9	00 AM.
PLEASE REFER TO THE	ATTACHED CHRONOLOGICAL	WELL HISTORY.	

(This space for State use only)

RECEIVED FEB 2 0 2007

SENIOR LAND ADMIN SPECIALIST

DATE 2/12/2007



Anadarko Petroleum Corporation 1368 S. 1200 East Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NBU 1022-20D NWNW, SEC. 20, T10S, R22E UINTAH COUNTY, UT

DATE		Activity			Status	
09/18/06		Building Location, 5% (Complete	Pioneer 38		
09/19/06		Building Location, 20%	Complete	Pioneer 38		
09/20/06		Building Location, 45%	Complete	Pioneer 38		
09/21/06		Building Location, 50%	Complete	Pioneer 38		
09/22/06		Building Location, 60%	Complete	Pioneer 38		
09/25/06		Building Location, 60%	Complete	Pioneer 38	DRLG	
09/26/06		Building Location, 60%	Complete	Pioneer 38	DRLG	
09/27/06		Building Location, 70%	Complete	Pioneer 38		
09/28/06		Building Location, 75%	Complete	Pioneer 38		
09/29/06		Building Location, 85%	Complete	Pioneer 38		
10/02/06		LOCATION COMPLET	E	Pioneer 38	P/L IN	
10/03/06		WOBR		Pioneer 38	WOBR	
9/30/06	1980'@ 9 5/8"	SET CONDUCTOR		Pioneer 38		
10/02/06		AIR RIG SPUD		Pioneer 38	WORT	
12/22/06	TD: 2020' Start rig move	Csg. 9 5/8"@ 1997' f/ NBU 1022-20F. Movin	MW: 8.4 g rig @ report ti	SD: 12/XX/06 me.	DSS: 0	
12/26/06		Csg. 9 5/8"@ 1980' d test BOPE. Drill cmt ar -4019'. DA @ report time		SD: 12/24/06 pud @ 1730 hrs	DSS: 2 on 12/24. Drill and	
12/27/06	TD: 5165' Drill f/ 4019'-51	Csg. 9 5/8"@ 1980' 65'. DA @ report time.	MW: 10.1	SD: 12/24/06	DSS: 3	
12/28/06	TD: 6175'	Csg. 9 5/8"@ 1980'	MW: 10.4	SD: 12/24/06	DSS: 4	

Drill f/ 5165'-6175'. DA @ report time.

12/29/06

TD: 6175' Csg. 9 5/8"@ 1980' MW: 10.4 SD: 12/24/06 DSS: 5 Drill f/ 6175'-6759'. DA @ report time.

01/02/07

TD: 8478' Csg. 9 5/8"@ 1980' MW: 11.5 SD: 12/24/06 DSS: 9 Drill from 6759'-7961'. TFNB and MM. Drill 8191'. TFNB. Drill to 8478'. DA @ report time.

01/03/07

TD: 8750' Csg. 9 5/8"@ 1980' MW: 11.5 SD: 12/24/06 DSS: 10 Drill from 8478'-8750'. DA @ report time.

01/04/07

TD: 8830' Csg. 9 5/8"@ 1980' MW: 11.5 SD: 12/24/06 DSS: 11 Drill from 8750'-8830' TD. Short trip 20 STDs. POOH and run Triple Combo @ report time.

01/05/07

TD: 8830' Csg. 9 5/8"@ 1980' MW: 11.5 SD: 12/24/06 DSS: 12 Finish logging. Run and cmt 4.5" csg. Set slips, ND, and cut csg. Release rig @ 0400 hrs on 1/5/07. RDRT @ report time.

01/29/07 PU PROD TUBING

Days On Completion: 7

Remarks: 7:00 AM. HSM. ROAD RIG FROM BITTER CREEK 1122-4F TO NBU 1022-20D. SPOT RIG EQUIPMENT RU RIG. ND WELL HEAD NU BOP'S. PU 3 7/8" MILL & SUB, DRIFT & TALLEY 258 JTS OF 2 3/8" J-55 4.7# TBG. EOT @ 8,033'. POOH STAND BACK 10 STANDS. EOT @ 7,725'.WINTERIZE WELL HEAD SWI SDFN.

01/30/07 POOH W/TBG

Days On Completion: 8

Remarks: 7:00 AM. HSM. (4 DEG ABOVE NO WIND) POOH W/ 248 JTS OF 2 3/8" J-55 4.7# TUBING. LD MILL & SUB. ND BOP'S NU FRAC VALVES. MIRU B&C QUICK TEST. FILL CASING W/2% KCL WATER. PRESSURE TEST CASING & BOTH FRAC VALVES TO 7,500 PSI GOOD TEST. RDMO B&C QUICK TEST. WINTERIZE WELL HEAD.SWI SDFN

01/31/07 FRAC

Days On Completion: 9

REMARKS: 6:00 AM. MIRU HALLIBURTON & CUTTERS TO FRAC & PERFORATE. HOLD SAFTEY MEETING.

STG 1) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 DEG PHASHING. PERF 8,720' - 24' 4 SPF, 8,661' - 67' 4SPF, 40 HOLES. PRESSURE TEST LINES TO 8,700 PSI. WHP 0 PSI, BRK 6,276 PSI, @ 5.3 BPM, ISIP 2,833 PSI, FG .76. PMP 100 BBLS @ 51.7 BPM @ 5,022 PSI, = 38 OF 40 HOLES OPEN, MP 5,804 PSI, MR 57.0 BPM, AP 4,990 PSI, AR 50.6 BPM, ISIP 2,797 PSI, FG .75, NPI -36 PSI PMP 697 BBLS SLICK WATER, 14,900 LBS 20/40 SAND & 5,000 LBS, OF 20/40 RESIN COATED SAND. TOTAL 19,900 LBS PROP

STG 2) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASHING. SET 8K BAKER CBP @ 8,493', PEFR 8,459' - 63' 4 SPF, 8,412' - 14' 4SPF, 8,367' - 69' 3 SPF, 8,279' - 84' 3 SPF, 45 HOLES. WHP 1,290 PSI, BRK 3,434 PSI, @ 5.3 BPM, ISIP 2,565 PSI, FG .74, PMP 100 BBLS @ 48.2 BPM @ 4,680 PSI, = 41 OF 45 HOLES OPEN. MP 5,713 PSI, MR 51.5 BPM, AP 4,199 PSI, AR 50.2 BPM, ISIP 2,961 PSI, FG .79, NPI 396 PSI PMP 1,380 BBLS SLICK WATER, 49,200 LBS 20/40 SAND & 5,000 LBS OF 20/40 RESIN COATED SAND. TOTAL 54,200 LBS PROP.

STG 3) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASHING. SET 8K BAKER CBP @ 8,125', PEFR 8,091' - 95' 4 SPF, 8,074' - 76' 4 SPF, 7,999' - 8,003' 3 SPF, 7,859' - 62' 3 SPF, 45 HOLES. WHP 0 PSI, BRK 3,462 PSI, @ 3.7 BPM, ISIP 2,182 PSI, FG .71, PMP 100 BBLS @ 50.3 BPM @ 3,937 PSI, = 45 OF 45 HOLES OPEN, MP 4,724 PSI, MR 51.6 BPM, AP 3,878 PSI, AR 51.0 BPM, ISIP 2,491 PSI, FG .75, NPI 309 PSI PMP 1,863 BBLS SLICK WATER, 79,000 LBS 20/40 SAND & 5,000 LBS OF 20/40 RESIN COATED SAND. TOTAL 83,000 LBS PROP.

STG 4) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASHING. SET 8K BAKER CBP @ 7,678', PEFR 7,644' - 48' 4 SPF, 7,600' - 04' 3 SPF, 7,471' - 73' 4 SPF, 7,444' - 47' 3 SPF, 45 HOLES. WHP 0 PSI, BRK 2,887 PSI, @ 5.2 BPM, ISIP 2,026 PSI, FG .70, PMP 100 BBLS @ 48.3 BPM @ 3,850 PSI, = 45 OF 45 HOLES OPEN. MP 4,362 PSI, MR 57.0 BPM, AP 3,865 PSI, AR 50.6 BPM, ISIP 2,650 PSI, FG .78, NPI 624 PSI PMP 866 BBLS SLICK WATER, 27,200 LBS 20/40 SAND & 5,000 LBS OF 20/40 RESIN COATED SAND. TOTAL 32,200 LBS PROP.

STG 5) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASHING & 8K BAKER CBP GOT STUCK @ 5,853'. PUMPED 1/2 BPM THEN FLOWED BACK + OR - 2 BBLS. GOT FREE PULLED UP THROUGH 4 COLLARS. WENT BACK DOWNTO 5,853' WOULD NOT GO THROUGH COLLAR. START OUT OF WELL W/WIRE LINE. CBP IS SET @ 5,853'. RD CUTTERS RD HALLIBURTON OFF WELL HEAD. SWI SDFN

02/01/07 DRILL OUT CIBP

Days On Completion: 10

Remarks: 7:00 AM. HSM. ND FRAC VALVES NU BOP'S. PU 3 7/8 BIT & FAST EDDIE POBS RIH W/ 187 JTS. RU POWER SWIVEL. BRK CIRCULATION. RIH TAG CBP @ 5,853' NO SAND ON TOP OF PLG. DRL PLG IN 10 MIN. 800 PSI INCREASE. PUSHED PLG TO 7,662' THAT IS 14' BELOW BOTTOM PERF OF ZONE 4. POOH TO 1,850' PUMPED 60 BBLS OF BRINE WELL PRESSURE WENT FROM 100 PSI TO 1,200 PSI WELL NOT DEAD. BLEED PRESSURE DOWN TO 100 PSI. CONT. POOH. MIRU CUTTERS RIH W/8K HALLIBURTON CBP GOT STUCK @ 2,915'. FLOWED WELL BACK & PUMPED 1/2 BPM. WE COULD SEE FLUID MOVEMENT BY TOOLS, BUT COULD NOT GET FREE. SET HALLIBURTON CBP @ 2,915'. RD CUTTERS. PU 3 7/8" BIT FAST EDDIE POBS & SN RIH W/46 STANDS. RU POWER SWIVEL.BRK CIRC. RIH TAG PLG @ 2,915' DRL PLG IN 10 MIN 100 PSI INCREASE. STAND BACK POWER SWIVEL. RIH TO 5,803'. SWI WINTERIZE WELL HEAD SDFN

02/02/07 FRAC

Days On Completion: 11

Remarks: 7:00 AM. HSM. (-15 DEG & FOG) OPEN WELL START FLOWING TO PIT. RIH W/TBG TO 7,661'. RD POWER SWIVEL. POOH W/TBG. RU HALLIBURTON PRESSURE TEST LINES TO 5,000 PSI. PMP 128 BBLS. RU CUTTERS.RIH & SET 8K HALLIBURTON CBP @ 7,401'. POOH W/WIRE LINE. ND BOP'S NU FRAC VALVES.

STG 5) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES 90 & 120 DEG PHASING.PERF 7,369' - 71' 4 SPF, 7,336' - 37' 4 SPF, 7,260' - 63' 4 SPF, 7,170' - 74' 4 SPF,7,099' - 7,101' 3 SPF, 46 HOLES. WHP 0 PSI, BRK 3,256 PSI, @ 5.3 BPM, ISIP 1,949 PSI, FG .70 MP 6,563 PSI, 51.2 BPM, AP 3,681 PSI, AR 50.1 BPM, ISIP 2,213 PSI, FG .74 NPI 264 PSI, PMP 2,378 BBLS SLICK WATER & 90,400 LBS 20/40 SAND & 5,000 LBS 20/40 RESIN COATED SAND. TOTAL 95,400 LBS OF PROP.

STG 6) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASHING. SET 10K HALLIBURTON CBP @ 7,074', PEFR 7,052' - 54' 4 SPF, 7,008' - 12' 4 SPF, 6,948' - 50' 4 SPF, 6,880' - 84' 3 SPF, 44 HOLES. WHP 0 PSI, BRK 3,402 PSI, @ 4.2 BPM, ISIP 1,489 PSI, FG .65 PMP 100 BBLS @ 50.9 BPM @ 3,521 PSI, = 42 OF 44 HOLES OPEN MP 4,533 PSI, MR 51.4 BPM, AP 3,490 PSI, AR 51.1 BPM, ISIP 2,185 PSI, FG .75 NPI 696 PSI PMP 2,223

BBLS SLICK WATER, 89,920 LBS 20/40 SAND & 5,000 LBS OF 20/40 RESIN COATED SAND. TOTAL 94,920 LBS PROP KILL PLG) RIH SET 10K HALLIBURTON @ 6,830' RDMO HALLIBURTON & CUTTERS. WINTERIZE WELL HEAD SWI SDFN

02/03/07 DRLG CBP&LAND TBG

Days On Completion: 12

Remarks: 7:00 AM HSM. (10 DEG 5 MPH WIND) ND FRAC VALVES NU BOP'S. HOOK UP FLOW LINES & RIG PUMP.

PU 3 7/8" BIT FAST EDDIE POBS & SN. RIH W/ 218 JTS. RU POWER SWIVEL. BRK CIRCULATION. RIH

C/O 5 'SND TAG PLG 1 @ 6,834' DRL PLG IN 15 MIN 600 PSI INCREASE RIH C/O 30 'SND TAG PLG 2 @ 7,074' DRL PLG IN 10 MIN 400 PSI INCREASE RIH C/O 60 'SND TAG PLG 3 @ 7,401' DRL PLG IN 6 MIN 200 PSI INCREASE RIH C/O 30 'SND TAG PLG 4 @ 7,678' DRL PLG IN 8 MIN 200 PSI INCREASE RIH C/O 30 'SND TAG PLG 5 @ 8,125' DRL PLG IN 10 MIN 600 PSI INCREASE RIH

C/O 30 'SND TAG PLG 5 @ 8,493' DRL PLG IN 10 MIN 200 PSI INCREASE RIH

C/O 90 ' SND PBTD @ 8,749'. CIRC WELL CLEAN LD 31 JTS OF TBG.
LAND TBG W/250 JTS EOT @ 7,794.32'. ND BOP'S NU WELL HEAD. DROP BALL TO
SHEAR OFF BIT. PUMP OFF BIT @ 1,450 PSI.TURN WELL OVER TO FLOW TESTERS.
292 JTS OF 2 3/8" J-55 OUTBOUND 16.00 KB TLTR 9,407 BBLS 250 JTS LANDED
.83 HANGERS RIG REC 1,350 BBLS 42 JTS RETURNED 7,775.29 TUBING LTR 8,057
BBLS 2.20 FAST EDDIE SN 7.794.32 EOT

FLOW BACK REPORT: CP: 1100#, TP: 1150#, 40 BWPH, 20/64 CHK, TTL BBLS FLWD: 725 TODAYS LTR: 7332 BBLS, TTL LOAD RECD TO DATE: 725 BBLS

O2/04/07 FLOW BACK REPORT: CP: 1050#, TP: 1200#, 25 BWPH, 20/64 CHK, and TTL BBLS FLWD: 695 TODAYS LTR: 6637 BBLS, TTL LOAD RECD TO DATE: 1420 BBLS

02/05/07 FLOW BACK REPORT: CP: 1400#, TP: 1350#, 20 BWPH, 20/64 CHK, TTL BBLS FLWD: 530 TODAYS LTR: 6637 BBLS, TTL LOAD RECD TO DATE: 1950 BBLS

02/06/07 FLOW BACK REPORT: CP: 1500#, TP: 1400#, 10 BWPH, 20/64 CHK, TTL BBLS FLWD: 345 TODAYS LTR: 5762 BBLS, TTL LOAD RECD TO DATE: 2295 BBLS

02/07/07 WELL WENT ON SALES: @ 9:00 AM, 900 MCF, TBG 1607/0707, CSG 1700, 21/64 CK, 21 BBWH **ON SALES:** 505 MCF, 0 BC, 550 BW, TP: 1521#, CP: 1860#, 21/64 CHK, 19 HRS, LP: 128#.

02/08/07 ON SALES: 1210 MCF, 0 BC, 550 BW, TP: 1395#, CP: 2090#, 19/64 CHK, 24 HRS, LP: 162#.

02/09/07 ON SALES: 1457 MCF, 0 BC, 550 BW, TP: 1299#, CP: 2108#, 19/64 CHK, 24 HRS, LP: 147#.

02/10/07 ON SALES: 1580 MCF, 0 BC, 560 BW, TP: 1236#, CP: 1975#, 19/64 CHK, 24 HRS, LP: 146#.

STATE OF UTAH AMENDED REPORT FORM 8 DEPARTMENT OF NATURAL RESOURCES (highlight changes) 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING ML-22974 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG 7. UNIT or CA AGREEMENT NAME 1a. TYPE OF WELL: GAS WELL WELL OTHER UNIT #891008900A WELL NAME and NUMBER: b. TYPE OF WORK: NBU 1022-20D HORIZ. DIFF. RESVR. RE-ENTRY WELL OTHER 9. API NUMBER: 2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP 4304737222 10 FIELD AND POOL, OR WILDCAT PHONE NUMBER: 3. ADDRESS OF OPERATOR: STATE UT ZIP 84078 (435) 781-7024 NATURAL BUTTES 1368 S 1200 E CITY VERNAL 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1078'FNL, 606'FWL NWNW 20 10S 22E AT TOP PRODUCING INTERVAL REPORTED BELOW: 12. COUNTY 13. STATE UTAH AT TOTAL DEPTH: UINTAH 17. ELEVATIONS (DF, RKB, RT, GL): 14. DATE SPUDDED: 15. DATE T.D. REACHED: 16. DATE COMPLETED: ABANDONED READY TO PRODUCE 7 1/4/2007 5240'GL 2/7/2007 9/30/2006 19. PLUG BACK T.D.: MD 8,749 21. DEPTH BRIDGE 18. TOTAL DEPTH: 20. IF MULTIPLE COMPLETIONS, HOW MANY? * MD MD 8.830 PLUG SET TVD TVD 22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) ио 🔽 YE\$ WAS WELL CORED? (Submit analysis) CBL-CCL-GR ио 🗸 WAS DST RUN? YES (Submit report) NO 🔽 DIRECTIONAL SURVEY? YES (Submit copy) 24. CASING AND LINER RECORD (Report all strings set in well) STAGE CEMENTER CEMENT TYPE & SLURRY AMOUNT PULLED CEMENT TOP ** WEIGHT (#/ft.) TOP (MD) BOTTOM (MD) HOLE SIZE SIZE/GRADE NO. OF SACKS VOLUME (BBL) 20" 14" 36.7# 40 STL H-40 32.3# 2,020 12 1/4" 9 5/8 1443 11.6# 8,830 7 7/8" 4 1/2 1-80 25. TUBING RECORD PACKER SET (MD) PACKER SET (MD) SIZE DEPTH SET (MD) DEPTH SET (MD) DEPTH SET (MD) PACKER SET (MD) SIZE 7,794 2 3/8" 27. PERFORATION RECORD 26. PRODUCING INTERVALS INTERVAL (Top/Bot - MD) SIZE NO. HOLES PERFORATION STATUS BOTTOM (TVD) FORMATION NAME TOP (MD) BOTTOM (MD) TOP (TVD) 0.36 265 Squeezed 6.880 8,724 6,880 8,724 Open (A) MESAVERDE Squeezed Open (B) Squeezed (C) (D) 28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. MAR 1 6 2007 AMOUNT AND TYPE OF MATERIAL DEPTH INTERVAL PMP 9407 BBLS SLICK H2O & 379,620# 20/40 SD 6880'-8724' DIV. OF OIL, GAS & MINING 30. WELL STATUS: 29. ENCLOSED ATTACHMENTS: DST REPORT DIRECTIONAL SURVEY GEOLOGIC REPORT FLECTRICAL/MECHANICAL LOGS **PROD** SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER:

(CONTINUED ON BACK)

(5/2000)

INTERVAL A (As shown in item #26) 31. INITIAL PRODUCTION GAS - MCF WATER - BBL: PROD. METHOD: OIL - BBL TEST PRODUCTION DATE FIRST PRODUCED: TEST DATE: HOURS TESTED **FLOWING** 24 RATES: 1,580 560 2/10/2007 2/7/2007 WATER - BBL INTERVAL STATUS: BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: GAS - MCF CHOKE SIZE: TBG. PRESS. CSG. PRESS API GRAVITY 1,580 RATES: 560 **PROD** 19/64 1,236 1,975 n INTERVAL B (As shown in item #26) GAS -- MCF: WATER - BBL: PROD. METHOD: TEST PRODUCTION OIL -- BBL: DATE FIRST PRODUCED: TEST DATE: HOURS TESTED RATES: → INTERVAL STATUS: 24 HR PRODUCTION GAS - MCF: WATER - BBL: OIL - BBL CHOKE SIZE: TBG. PRESS. CSG. PRESS API GRAVITY BTU - GAS GAS/OIL RATIO RATES: INTERVAL C (As shown in item #26) WATER - BBL PROD. METHOD: GAS - MCF DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION OIL - BBL: RATES: → INTERVAL STATUS: 24 HR PRODUCTION OIL - BBL GAS - MCF WATER - BBL: CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO CHOKE SIZE: TBG PRESS RATES: INTERVAL D (As shown in item #26) WATER - BBL: PROD. METHOD: TEST DATE: HOURS TESTED: TEST PRODUCTION OIL - BBL: GAS - MCF: DATE FIRST PRODUCED RATES: WATER - BBL: INTERVAL STATUS: 24 HR PRODUCTION OIL - BBL: GAS - MCF: CHOKE SIZE: TBG. PRESS CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO RATES: 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.) SOLD 34. FORMATION (Log) MARKERS: 33. SUMMARY OF POROUS ZONES (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries Top (Measured Depth) Top (MD) **Bottom** Name Descriptions, Contents, etc. Formation (MD) 6,829 WASATCH 4,179 **MESAVERDE** 6,829

35. ADDITIONAL REMARKS (include plugging procedure)

36	I hereby certify that the foregoi	and attached information is complete and correct as determined from all available records

NAME (PLEASE PRINT) SHEILA UPCHEGO
SIGNATURE

TITLE SENIOR LAND ADMIN SPECIALIST

DATE 3/6/2007

This report must be submitted within 30 days of

- · completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests
- * ITEM 20: Show the number of completions if production is measured separately from two or more formations.
- ** ITEM 24: Cement Top Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22974 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. UNIT #891008900A 1. TYPE OF WELL 8. WELL NAME and NUMBER: GAS WELL 🗸 OIL WELL \square OTHER NBU 1022-20D 2 NAME OF OPERATOR 9. API NUMBER: KERR McGEE OIL & GAS ONSHORE LP 4304737222 3. ADDRESS OF OPERATOR: PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: STATE UT **NATURAL BUTTES** 1368 SOUTH 1200 EAST VERNAL ₇₁₀ 84078 (435) 781-7024 4 LOCATION OF WELL FOOTAGES AT SURFACE: 1078'FNL, 606'FWL COUNTY: UINTAH QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 20 108 22F STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION 1 NOTICE OF INTENT (Submit in Duplicate) FRACTURE TREAT ALTER CASING SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR NEW CONSTRUCTION TEMPORARILY ABANDON CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO COMPLETE THE WASATCH FORMATION. THE OPERATOR WILL COMMINGLE THE NEWLY WASATCH AND EXISTING MESAVERDE FORMATIONS. PLEASE REFER TO THE ATTAHCED RECOMPLETION PROCEDURE. RECEIVED COPY SENT TO OPERATOR Date: 6 · 26 · 2008 JUN 2 3 2008 Initials: DIV. OF OIL, GAS & MINING SENIOR LAND ADMIN SPECIALIST SHEILA UPCHEGO NAME (PLEASE PRINT) 6/19/2008 SIGNATURE (This space for State use only) APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

ns on Reverse Side

(5/2000)

Name:

NBU 1022-20D

Location:

NWNW Sec.20 T10S R22E

Uintah County, UT

Date:

6/19/08

ELEVATIONS:

5226 GL

5240 KB

TOTAL DEPTH:

8825

PBTD: 8749

SURFACE CASING: PRODUCTION CASING:

9 5/8", 36# J-55 ST&C @ 1997' 4 1/2", 11.6#, I-80 LT&C @ 8825'

Marker Joint 4164'-4184'

TUBULAR PROPERTIES:

	BURST	COLLAPSE	DRIFT DIA.	CAPACITIES	
	(psi)	(psi)	(in.)	(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55	7,700	8,100	1.901"	0.00387	0.1624
tbg					
4 ½" 11.6# I-80	7780	6350	3.875"	0.0155	0.6528
(See above)					
2 3/8" by 4 ½"		·		0.0101	0.4227
Annulus					

TOPS:

1031' Green River

N/A' Mahogany

4166' Wasatch

6706' Mesaverde

GENERAL:

- A minimum of 40 tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 1/4/07
- 5 fracturing stages required for coverage.
- Procedure calls for 6 CBP's (8000 psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and ½ the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, Slickwater frac.
- Maximum surface pressure 6200 psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump resin coated sand last 5,000# of all frac stages

- Tubing Currently Landed @~7794
- Originally completed on 1/31/07

Existing Perforations:

PERFORATIONS								
Formation (Bench)	Тор	<u>Btm</u>	spf	<u>Shots</u>	<u>Date</u>	Reason	Comments	Producing
MESA VERDE	6880	6884	3	12	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	6948	6950	4	8	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	7008	7012	4	16	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	7052	7054	4	8	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	7099	7101	3	6	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	7170	7174	4	16	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	7260	7263	4	12	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	7336	7337	4	4	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	7369	7371	4	8	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	7444	7447	3	9	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	7471	7473	4	8	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	7600	7604	3	12	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	7644	7648	4	16	01/30/2007		FLUID; Fresh Water	Yes
MESA VERDE	7859	7862	3	9	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	7999	8003	3	12	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	8074	8074	4	0	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	8091	8095	4	16	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	8279	8284	3	15	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	8367	8369	3	6	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	8412	8414	4	8	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	8459	8463	4	16	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	8661	8667	4	24	01/30/2007		FLUID: Fresh Water	Yes
MESA VERDE	8720	8724	4	16	01/30/2007		FLUID: Fresh Water	Yes

PROCEDURE:

- 1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
- 2. TOOH with 2-3/8", 4.7#, J-55 tubing (currently landed at ~7794'). Visually inspect for scale and consider replacing if needed.
- 3. If the looks ok consider running a gauge ring to 6810' (50' below proposed CBP). Otherwise P/U a mill and C/O to 6810' (50' below proposed CBP).
- 4. Set 8000 psi CBP at \sim 6760'. Pressure test BOP and casing to 6000 psi. .
- 5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	6632	6640	3	24
WASATCH	6658	6660	3	6
WASATCH	6710	6714	3	12

- 6. Breakdown perfs and establish injection rate (<u>include scale inhibitor in fluid</u>). Fracture as outlined in Stage 1 on attached listing. Under-displace to ~6582' and trickle 250gal 15%HCL w/ scale inhibitor in flush . **Note: Lower Rate**
- 7. Set 8000 psi CBP at ~6430'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole: Zone From To spf # of shots

```
6234
                  6236
                              4
WASATCH
                        2
WASATCH
            6260
                  6264
                        4
                              16
WASATCH
            6286
                  6288
                        4
                               8
WASATCH
            6398
                  6400
                        4
                               8
```

- 8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~6184' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 9. Set 8000 psi CBP at ~6130'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

```
Zone From To spf # of shots WASATCH 6090 6100 4 40
```

- 10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~6040' trickle 250gal 15%HCL w/ scale inhibitor in flush. **Note: Tight Spacing**
- 11. Set 8000 psi CBP at $\sim 6010^{\circ}$. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5846	5850	3	12
WASATCH	5890	5892	3	6
WASATCH	5900	5902	3	6
WASATCH	5976	5980	4	16

- 12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~5796' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 13. Set 8000 psi CBP at ~5580'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of sho
WASATCH	5376	5378	4	8
WASATCH	5514	5516	4	8
WASATCH	5544	5550	4	24

- 14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~5326' and flush only with recycled water.
- 15. Set 8000 psi CBP at~5326'.
- 16. TIH with 3 7/8" bit, pump off sub, SN and tubing.
- 17. Drill plugs and clean out to 8749'. Pump off sub and land tubing at \pm 8337' unless indicated otherwise by the well's behavior. This well will be commingled at this time.
- 18. RDMO

For design questions, please call Conner Staley, Denver, CO (720)-929-6419 (Office)

For field implementation questions, please call Robert Miller, Vernal, UT 4350781 7041 (Office)

NOTES:

OK to frac into wet pay at 6760' (kept perfs minimum, lower rate). Avoid water at 5272'

\$ - ×

3886.94 92,5938nos

												92,5938095	;					
		Pe	erfs			Rate	Fluid	Initial	Final	Fluid	Volume	Cum Vol	Fluid % of	Sand	Sand	Cum. Sand	Footage from CBP to	Scale Inhib.,
Stage	Zone	Top, ft.	Bot., ft	SPF	Holes	ВРМ	Туре	ppg	ppg		BBLs	BBLs	frac	% of frac	lbs	lbs	Flush	gal.
Patrick					1.41.4				P			11.11.11.11.11.00	141.00 m	1973	1			
1	WASATCH	6632					Pump-in test		ĺ	Slickwater	ď	0						
	WASATCH	6658	6660	1			ISIP and 5 min ISIP				400							42
	WASATCH WASATCH	6710	6714	3	12		Slickwater Pad	0.05	4.05	Slickwater				0.0%	0	0		54
	WASATCH			1	1		Slickwater Ramp Slickwater Ramp	0.25		Slickwater Slickwater				39.7%	44,719	44,719		89
	WASATCH				Ì		Flush (4-1/2")	1.25	4	Plickwater	102			60.3%	67,823	112,542 112,542		0 42
	WASATCH						ISDP and 5 min ISDI				102	2,042				112,342		227
	WASAI CIT						TODE AND S MIN IOD	1						gal/ft	2,260	2 123	lbs sand/ft	221
		1	# of Perf	s/stage	42		[ĺ			E.	iush depth	6582		P depth		152	
		- Program	MORE SELL		1	76.7	<< Above pump time	(min)	KIND	gomany	576476	F.57.85	1	1 455		7,100		and the
2	WASATCH	6234	6236	2	4		Pump-in test	100 MILE . S	ala que es esta	Slickwater	0	0						D 0 3
	WASATCH	6260	6264	4	16		ISIP and 5 min ISIP	ĺ	1		1	1	ł	1			1	
	WASATCH	6286	6288	4	8		Slickwater Pad			Slickwater	348	348	15.0%	0.0%	0	l o		44
	WASATCH	6398	6400	4	8	50	Slickwater Ramp	0.25	1.25	Slickwater	1,161	1,509	50.0%	39.7%	36,563	36,563		73
	WASATCH					50	Slickwater Ramp	1.25	2	Slickwater			35.0%	60.3%	55,453	92,016		0
	WASATCH					50	Flush (4-1/2")				96	2,418				92,016		40
	WASATCH						ISDP and 5 min ISDF											157
				1									ŀ	gal/ft	500		lbs sand/ft	
990590444	ear monocous	error	# of Perf	s/stage	36	and the second	Notice de la companya				FI	lush depth	6184	CB	P depth	6,130	54	
Med		1		21.80	al decided	50.4	<< Above pump time	(min)		. 5 67 5585		billion i	and the second	dia.				100
3	WASATCH	6090	6100	4	40		Pump-in test			Slickwater	0	0						
	WASATCH						ISIP and 5 min ISIP											
	WASATCH			l			Slickwater Pad			Slickwater				0.0%	0	0		92
	WASATCH						Slickwater Ramp	0.25		Slickwater			50.0%	39.7%	76,500	76,500		153
	WASATCH WASATCH				1		Slickwater Ramp	1.25	2	Slickwater			35.0%	60.3%	######################################	192,525		0
	WASATCH					50	Flush (4-1/2*)	_			94	4,951				192,525		39
	WASAICH	1			1		ISDP and 5 min ISDF]				J		gal/ft	2,000	1 000	lbs sand/ft	284
	}	1	# of Perfs	 - encts/a	40			j			F	i ush depth	6040		2,000 P depth		30	LOOK
	- mr - 330,060	(250)4K		l		103.4	<< Above pump time	(main)	MARINE.	SEASTAST	00000		00-0		200	0,0,0	30	
4	WASATCH	5846	5850	3	12		Pump-in test	0.000	SLADAD PLAN	Slickwater	0	0	andres .	A. Sakilili	din			Mark's all
	WASATCH	5890	5892	3			ISIP and 5 min ISIP					Ĭ .						
	WASATCH	5900	5902	3			Slickwater Pad			Slickwater	664	664	15.0%	0.0%	n	ا ا		84
	WASATCH	5976	5980	4	15		Slickwater Ramp	0.25	1.25	Slickwater			50.0%	39.7%	69.750	69.750		140
	WASATCH						Slickwater Ramp	1.25		Slickwater			35.0%		*******	175,538		0
	WASATCH						Flush (4-1/2")		_		90					175,538		36
	WASATCH						ISDP and 5 min ISDP	·										259
														gal/ft	1,500	1,416	lbs sand/ft	
or region and	nanna garan ka aya ka a sa	e les constants	# of Perfs	/stage	40	greenge na	HIPP Services Agency Co.	l	0.0000000	0	FI	ush depth	5796	СВІ	depth	5,580	216	11119-11
21/49					9850	94.4	<< Above pump time	(min)		200						34,747.19		. 54
5	WASATCH	5376	5378	4	8		Pump-in test			Slickwater	0	0						
	WASATCH	5514	5516	4	8		ISIP and 5 min ISIP											
	WASATCH	5544	5550	4	24		Slickwater Pad			Slickwater			15.0%	0.0%	0	0		47
	WASATCH						Slickwater Ramp	0.25		Slickwater	1,232		50.0%	39.7%	38,813	38,813		78
	WASATCH						Slickwater Ramp	1.25	2	Slickwater			35.0%	60.3%	58,866	97,678		0
	WASATCH					50	Flush (4-1/2")	ļ ļ			83	2,547				97,678		0
	WASATCH	1					ISDP and 5 min ISDF	i l							750	700		124
			# and Da -f-	(-4	40						E	liob don	E325	gal/ft	1		lbs sand/ft	1.001/
naver)	na mangyaesaa	daya sari-	# of Perfs	estage	40	E2 2			4 949	e sagarana ang	93086775	ush depth	5326	UBI	o depth	ა,ა∠ი	0	LOOK
harman'i	Totals	alchiet		J. 10. 10.	198	53.2	<< Above pump time	(iuiu)	14.00	3 41.111.00150	gals	17.373	L Line	tani 🕌 l	al Sand	670.298	LOOK	. Lambo
	, 01015	Ì			196						gais bbls	11,313	DDIS	100	aı sand	010,298	LUUK	
(100a) (100a)	233273 (Caranaca)	1	V07154871	2000000	5000000	6.3	STREET,	ber a d	1.1		PDIS	30.5	20042597	egran a j	1555000	Table	12 100000	4064
nd believed in	Death Line 1986	al de la company		Balana.	80.86.20	0.3		Latina.			1	38.5	tanks		Michael I	I otal Sca	le Inhib. =	1051

Stage	Zones	Perfo Top, ft	orations Bottom, ft	SPF	Holes	Fra	cture Cover	nge
1	WASATCH	6632	6640	3	24	6630	to	6650
	WASATCH	6658	6660	3	6	6656	to	6667
	WASATCH	6710	6714	3	12	6696	to	6718
	WASATCH							
	WASATCH							
	WASATCH							
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	WASATCH							
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	WASATCH							
	WASATCH							
	WASAI CIT							
	# of Perfs/stage				42	CBP DEPTH	6,430	
								Toddfeet
2		6234	6236	2	4	6234	to	6236
	WASATCH	6260	6264	4	16	6248	to	6441
	WASATCH	6286	6288	4	8	6248	to	6441
	WASATCH	6398	6400	4	8	6248	to	6441
	WASATCH WASATCH			-				
	WASATCH	-						
	WASATCH	+						
	WASATCH							
	WASATCH			-			 	
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
	# of Perfs/stage				36	CBP DEPTH	6,130	
	5,500							
3	WASATCH	6090	6100	4	40	6050	to	6152
	WASATCH							
	WASATCH				<u>.</u>			
	WASATCH							
	WASATCH							
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	WASATCH			-				
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	WASATCH							
	WASATCH							
	WASATCH							
	# of Perfs/stage				40	CBP DEPTH	6,010	
		16.8 (\$45)(\$36) (\$46)	\$180x31+150x-1					*108k 111
4	WASATCH	5846	5850	3	12	5790	to	5910
	WASATCH	5890	5892	3	6	5790	to	5910
	WASATCH	5900	5902	3	6	5790	to	5910
	WASATCH	5976	5980	4	16	5976	to	5980
	WASATCH WASATCH		-					
	WASATCH							
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	WASATCH WASATCH					000 0000	5.500	
	WASATCH	5833181			40	CBP DEPTH	5,580	3.10.0000000000000000000000000000000000
	WASATCH WASATCH # of Perfs/stage	6376	£270		1.00			5401
5	WASATCH WASATCH # of Perfs/stage WASATCH	5376 5514	5378 5516	4	8	5352	to	5401 5574
5	WASATCH WASATCH # of Perfs/stage WASATCH WASATCH	5514	5516	4 4 4	1.00			5574
5	WASATCH # of Perfs/stage WASATCH WASATCH WASATCH WASATCH			4	8 8	5352 5485	to to	5574
5	WASATCH # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH	5514	5516	4	8 8	5352 5485	to to	5574
5	WASATCH # of Perfs/stage WASATCH WASATCH WASATCH WASATCH	5514	5516	4	8 8	5352 5485	to to	5574
5	WASATCH # of Peris/stage WASATCH WASATCH WASATCH WASATCH WASATCH	5514	5516	4	8 8	5352 5485	to to	5574
5	WASATCH # of Peris/stage WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	5514	5516	4	8 8	5352 5485	to to	5574
5	WASATCH WASATCH # of Peris/stage WASATCH	5514	5516	4	8 8	5352 5485	to to	5574
5	WASATCH WASATCH # of Perfs/stage WASATCH	5514	5516	4	8 8	5352 5485	to to	5574
5	WASATCH WASATCH # of Perfs/stage WASATCH	5514	5516	4	8 8	5352 5485	to to	5574
5	WASATCH WASATCH # of Peris/stage WASATCH	5514	5516	4	8 8	5352 5485	to to	5574
5	WASATCH WASATCH # of Perfs/stage WASATCH	5514	5516	4	8 8	5352 5485	to to	5574
5	WASATCH WASATCH # of Perfs/stage WASATCH	5514	5516	4	8 8	5352 5485	to to	5574
5	WASATCH WASATCH # of Perfs/stage WASATCH	5514	5516	4	8 8	5352 5485	to to	
5	WASATCH WASATCH # of Perfs/stage WASATCH	5514	5516	4	8 8	5352 5485	to to	5574

STATE OF UTAH	FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22974
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: UNIT #891008900A
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: NBU 1022-20D
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP	9. API NUMBER: 4304737222
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1078'FNL, 606'FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 20 10S 22E	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
THE OPERATOR HAS PERFORMED THE RECOMPLETION ON THE SUBJECT WELL L PLACED THE SUBJECT WELL LOCATION BACK ON PRODUCTION ON 08/10/2008 AT PLEASE REFER TO THE ATTACHED RECOMPLETION CHRONOLOGICAL WELL HIST	OCATION. THE OPERATOR HAS 9:30 AM. ORY.
	RECEIVED
	AUG 2 0 2008
	DIV. OF OIL, GAS & MINING
NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGULATORY	ANALYST
SIGNATURE / MICH / MICH DATE 8/13/2008	

(This space for State use only)

Wins No.: 9	2504		a de la companya de l			NBU	1022-	20D		API No.:	4304737222	
EVENT INFORM	ATION:	EVENT	ACTIVITY: R	ECOMPLET	ION		STAR	RT DATE: 7/21/2008		AFE NO	0.: 2023068	
		OBJEC	TIVE: DEVEL	OPMENT			END:	DATE: 7/28/2008				
		OBJEC	TIVE 2: RECO	MPLETE			DATE	WELL STARTED PROD	l.: .			
		REASC	N: WAS REC	OMPLETE			Event	End Status: COMPLE	TE			
RIG OPERATION	NS:	Beg	in Mobilization	Rig On	Location	Rig Ch	narges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location	
KEY 59 / 59				07/2	1/2008						07/28/2008	
Date		ime rt-End	Duration (hr)	Phase	Code	Subco de	P/U		Operati	on		
7/22/2008	SUPER	VISOR: I	DAVID DANIEI	_S							MD:	
	7:00	- 7:30	0.50	COMP	48		P	HSM, MIRU.				
	7.55	- 18:30	11.00	COMP	31	I	P	RDMO RIG, ROAD RIC T/ NBU 1022-20D. MIR WELL PSI 85#. BLOW ND WH, NUBOP. RU TBG HNGR. POOH SB 250 JTS 2 3 TBG EQUIP. ND BOP, SOLUTIONS. PU 3 7/8 GAUGE RING. PU 4 1/ POOH. MIRU B & C QI T/ 6200#. HELD. BLEA PU 3 3/8 EXP, 23 GM, SPF, 12 HOLES. 6656 HOLES. POOH. PREP SWI. SDFN.	U RIG, SPOT EQUENT IF BE EQUIP. UNL /8, J-55 TBG. LD > NU FRAC VALVE GAUGE RING. RI 2 8K BAKER CBF JICK TEST. TEST AD OFF PSI. RDM: 120 DEG PHASIN /-60', 3 SPF, 6 HO	ROD TANK. AND TBG. LD 4 1. (N-NIPPLE & POE S. MIRU CASED I H T/ 6810'. POOH P. RIH SET CBP (CSG & 2 FRAC V O B & C QUICK T G. RIH PERF 671 LES. 6632'-40', 3	3S. RD HOLE I, LD	
7/23/2008	SUPER	VISOR:	DAVID DANIE	LS							MD:	
	7:00	- 7:30	0.50	COMP	48		Р	HSM. HSM W/ FRAC	CREW, RIG CREV	N, & W.L. CREW.		
	7:30	- 19:00	11.50	COMP	36	В	Р	MIRU SUPERIOR FRA	C SERV.			
								STG 1) MTN MOVER WAIT FOR PARTS & II BRK 3950# @ 3 BPM. PUMP 102,000# 30/50 2370#, FG .79. X-OVE	NSTALL. START F SD ISIP 2725#, F SAND, TAIL IN W	PUMPING @ 2:02 G .85.	PM.	
								STG 2) PU 4.5 8K BAKER CBP, & 3 3/8 EXP GUN, 23 GM, 90 & DEG PHASING. RIH SET CBP @ 6420', PU PREF 6398'-40', 4 SI 8 HOLES. 6286'-88', 4 SPF, 8 HOLES. 6260'-64', 4 SPF, 16 HOLES. 6234'-36', 2 SPF, 4 HOLES. POOH, X-OVER FOR FRAC CREW. OPEN WELL 1660#. BRK @ 5160 # @ 3.4 BPM. SD ISIP 1990 PSI, FG .75. PUMP 281 BBLS OF PAD COULD NOT GET FRICTION REDUCER T/ LINE OUT, SD ATTM T/ FIX F.R. PROBLEM. COULD ONLY GET 5 PUMPS, PUMPING. WHILE FIXING F.R. PACKING ON PUMP #: FAILED. CALL FOR MORE PUMPS IN THE :AM. SWI, SDFN.				
7/24/2008	SUPER	VISOR.	DAVID DANIE	s						, , ,	MD:	
112712000	<u> </u>		C, IVIC DAINE									

8/11/2008 9:39:15AM

7.30 - 23:30 16:00 COMP 38 B P OPEN WELL 1300#. P GET 2) PUMP 86:5898 OF 30:50, TAIL IN W 5000# RESIN. ISIP 2131#, FG. 77, SD X-OVER FOR W.L. STG 3) PU 4.5, 8K BAKER CBP, & 3 3/8 EXP GUN, 23 GM, 90 DEG PHASING, RIH SET CBP @ 6116", PU PREF 6090-6100, 4 SPF, 40 HOLES. POOH, X-OVER FOR FAC CREW. OPEN WELL 1300#. BRK @ 2505# @ 4 4 BPM. SD ISIP 1895#, FG. 75, PUMP 548 BBLS OF PAD, PUMP LINE STARTED LEAKING, SD 10:02 AM, FIX LINE. START PUMP AD 10:00 BBLX DA START SAND, PUMP 4895# OF SAND, LINE STARTED LEAKING, SD 10:02 AM, FIX LINE. START PUMP AD 10:00 BBLX DA START SAND, PUMP 4895# OF SAND, LINE STARTED LEAKING, SD 10:02 AM, FIX LINE. START PUMP AD 10:00 BBLX DET AND START SAND, PUMP 4895# OF SAND, LINE STARTED LEAKING, SD 10:02 AM, FIX LINE. START PUMP AD 10:00 BBLX BET IN FLUSH. OPEN WELL TO PUMP 38 GBLX BET IN FLUSH. OPEN WELL TO PUMP 38 GBLX BET IN FLUSH. OPEN WELL TO PUMP 38 GBLX BET IN FLUSH. OPEN WELL TO PEN WELL TO PUMP 38 GBLX BET IN FLUSH. DET IN FLUSH SD X-OVER TO WACK TANK. FLOW WELL FOR 25 MIN, SHUT FLOW LINE IN, PUMP 94.5 BBLS FOR FLUSH. SD X-OVER TO WELL FOR 25 MIN, SHUT FLOW LINE IN, PUMP 94.5 BBLS FOR FLUSH. SD X-OVER TO WELL FOR 25 MIN, SHUT FLOW LINE IN, PUMP 94.5 BBLS FOR FLUSH. SD X-OVER TO WELL FOR 25 MIN, SHUT FLOW LINE IN, PUMP 94.5 BBLS FOR FLUSH. SD X-OVER TO WELL FOR 25 MIN, SHUT FLOW LINE IN, PUMP 94.5 BBLS FOR FLUSH. SD X-OVER TO WELL FOR 25 MIN, SHUT FLOW LINE IN, PUMP 94.5 BBLS FOR FLUSH. SD X-OVER TO WELL FOR 25 MIN, SHUT FLOW LINE IN, PUMP 94.5 BBLS FOR FLUSH. SD X-OVER TO WELL FOR 25 MIN, SHUT FLOW LINE IN, PUMP 95 MIN SHOW FLOW AS ADD. THAT SHOW LINE IN, PUMP 95 MIN SHOW FLOW AS ADD. THAT SHOW LINE IN, PUMP 95 MIN SHOW FLOW FLOW AND SHOW TO WEND ADD. THAT SHOW TO WEND LINE IN THE PUMP 95 MIN SHOW FLOW FLOW MIN SHOW FLOW FLOW AND SHOW TO WEND ADD. THAT SHOW FLOW FLOW FLOW FLOW FLOW FLOW FLOW FL	Wins No.:	92504				NBU 1022	2-20D API No.: 4304737222
STG 4) PU 4.5, 8K BAKER CBP & 3 3/8 EXP GUN, 23GM, 120 & 90 DEG PHASING. RIH SET CBP @ 6016* PU PERF 5976*-80*, 4 SPF, 24 HOLES. PERF 5900*-92*.3 SPF, 6 HOLES. PERF 5890*-92*.3 SPF, 6 HOLES. PERF 5890*-92*.3 SPF, 6 HOLES. PERF 5890*-92*.3 SPF, 6 HOLES. PREF 5990*-92*.3 SPF, 6 HOLES. PREF 5980*-92*.3 SPF, 6 HOLES. POOH. X-OVER T/FRAC CREW. WAIT ON SAND. BKX 2227#@ 3.8 BPM. SD ISIP 1890#. FG. 68. PUMP 97,231# SAND STARTED SREAN OUT PUMP 120 BBL SWEAP PSI CONT T/COME UP, CALLED THAT FLUSH. SD, ISIP 2120#, FG. 79. X-OVER FOR W.L. STG 5) PU 4.5, 8K BAKER CBP & 3 3/8 EXP GUN, 23 GM, 90 DEG PHASING. RIH SET CBP @ 6564*, PU PREF 5544*-50*, 4 SPF, 24 HOLES. PU T/PREF GUN MISFIRED. POOH, FIX GUN, RIH GUN MISFIRED. POOH FIX GUN, RIH PERF 5514*-16*, PERF 5376*-78*. POOH. X-OVER TPRAC CREW. OPEN WELL 1730# BRK 2769#@ 4.5 SPM. SD ISIP 1800#. FG. 76. PUMP 50,710# 30/50 SAND, 11,880# RESIN COATED. SD ISIP 1966#, FG. 79. PROC CALLED FOR 95,000# 30/50, & 5000#, RAN OUT OF SAND 44,968# SORT OF 30/50. TRUN WELL OVER T/ W.L. RIH W/ 4.5 CBP SET @ 5274*-POOH. RDMO CASED HOLE SOLUTIONS & SUPERIOR FRAC SERV. SWI. SDFN.	Wins No.:	and and the same of the same o	16.00	COMP	36	artis - maritable and action agreement and	OPEN WELL 1300#. STG 2) PUMP 85,589# OF 30/50, TAIL IN W/ 5000# RESIN. ISIP 2131#, FG .77, SD X-OVER FOR W.L. STG 3) PU 4.5, 8K BAKER CBP, & 3 3/8 EXP GUN, 23 GM, 90 DEG PHASING. RIH SET CBP @ 6116', PU PREF 6090'-6100', 4 SPF, 40 HOLES. POOH. X-OVER FOR FRAC CREW. OPEN WELL 1900#. BRK @ 2050# @ 4.4 BPM. SD ISIP 1895#, FG .75. PUMP 548 BBLS OF PAD, PUMP LINE STARTED LEAKING.SD 10:02 AM, FIX LINE. START PUMP ADD 100 BBLS T/ PAD. START SAND, PUMP 4856# OF SAND, LINE STARTED STARTED LEAKING, SD CAP LINE, FLUSH CSG VOLUME. SD. SWITCH PUMPS & LINES. PUMP 183,336# 30/50 SAND, TAIL IN W/ 5000# RESIN. SCREAN OUT W/ 35 BBLS LEFT IN FLUSH. OPEN WELL T/ FLOW BACK
STG 5) PU 4.5, 8K BAKER CBP & 3 3/8 EXP GUN, 23 GM, 90 DEG PHASING. RIH SET CBP @ 6564', PU PREF 5544'-50', 4 SPF, 24 HOLES. PU T/ PREF GUN MISFIRED, POOH, FIX GUN. RIH GUN MISFIRED. POOH FIX GUN, RIH PERF 5514'-16', PERF 5376'-78'. POOH. X-OVER T/ FRAC CREW. OPEN WELL 1730# BRK 2769# @ 4.5 BPM. SD ISIP 1800#. FG .76. PUMP 50,710# 30/50 SAND, 11,880# RESIN COATED. SD ISIP 1966#, FG .79. PROC CALLED FOR 95,000# 30/50, & 5000#, RAN OUT OF SAND 44,968# SORT OF 30/50. TRUN WELL OVER T/ W.L. RIH W/ 4.5 CBP SET @ 5274'. POOH. RDMO CASED HOLE SOLUTIONS & SUPERIOR FRAC SERV. SWI. SDFN.							94.6 BBLS FOR FLUSH. SD X-OVER T/ W.L. STG 4) PU 4.5, 8K BAKER CBP & 3 3/8 EXP GUN, 23GM, 120 & 90 DEG PHASING. RIH SET CBP @ 6016' PU PERF 5976'-80', 4 SPF, 24 HOLES. PERF 5900'- 92'. 3 SPF, 6 HOLES. PERF 5890'-92', 3 SPF, 6 HOLES. PREF 5846'-50', 3 SPF, 12 HOLES. POOH. X-OVER T/ FRAC CREW. WAIT ON SAND. BRK 2227# @ 3.8 BPM. SD ISIP 1890#. FG .68. PUMP 97,231# SAND STARTED SREAN OUT PUMP 120 BBL SWEAP PSI CONT T/ COME UP, CALLED THAT FLUSH. SD, ISIP 2120#, FG .79.
RIH W/ 4.5 CBP SET @ 5274*. POOH. RDMO CASED HOLE SOLUTIONS & SUPERIOR FRAC SERV. SWI. SDFN. 7/25/2008 SUPERVISOR: DAVID DANIELS DWC: RIH W/ 4.5 CBP SET @ 5274*. POOH. RDMO CASED HOLE SOLUTIONS & SUPERIOR FRAC SERV. SWI. SDFN.							STG 5) PU 4.5, 8K BAKER CBP & 3 3/8 EXP GUN, 23 GM, 90 DEG PHASING. RIH SET CBP @ 6564', PU PREF 5544'-50', 4 SPF, 24 HOLES. PU T/ PREF GUN MISFIRED, POOH, FIX GUN. RIH GUN MISFIRED. POOH FIX GUN, RIH PERF 5514'-16', PERF 5376'-78'. POOH. X-OVER T/ FRAC CREW. OPEN WELL 1730# BRK 2769# @ 4.5 BPM. SD ISIP 1800#. FG .76. PUMP 50,710# 30/50 SAND, 11,880# RESIN COATED. SD ISIP 1966#, FG .79. PROC CALLED FOR 95,000# 30/50, & 5000#,
	7/25/2008	SUPERVISOR:	DAVID DANIE	-1.S		DWC:	RIH W/ 4.5 CBP SET @ 5274'. POOH. RDMO CASED HOLE SOLUTIONS & SUPERIOR FRAC SERV. SWI. SDFN.
	112312000	7:00 - 7:30	0.50	COMP	48	<u>DVVC.</u> P	HSM, DRL OUT CBP.

8/11/2008 9:39:15AM

Wins No.:	92504				NBU	1022	20D API No.: 4304737222
	7:30 - 19:3	0 12.00	COMP	44	С	Р	OPEN WELL 0 PSI, ND FRAC V, NUBOP. RU TBG EQUIP. PU 3 7/8 BIT + EX-DARD + POBS + XN-NIPPLE. RIH W/ TBG, FILL @ 5264'= 10' FILL. RU DRL EQUIP & PUMP & LINES. BRK CONV CIRC.
							CBP 1)TAG FILL @ 5264'= 10' FILL, DRL OUT CBP @ 5274' IN 20 MIN, 500# INCR. CONT RIH.
							CBP 2) TAG FILL @ 5534' = 30' FILL, DRL OUT CBP @ 5564' IN 15 MIN, 500# INCR. CONT RIH.
							CBP 3) TAG FILL @ 5964' = 30' FILL, DRL OUT CBP @ 5994' IN 15 MIN, 300# INCR. CONT RIH.
							CBP 4) TAG FILL @ 6086' = 30' FILL, DRL OUT CBP @ 6116' IN 15 MIN, 400# INCR. CONT RIH
							CBP 5) TAG FILL @ 6390' = 30' FILL, DRL OUT CBP @ 6420' IN 10 MIN, 500# INCR. CONT RIH.
							CBP 6) TAG FILL @ 6705' = 30' FILL, DRL OUT CBP IN 8 MIN. LOST CIRC 1 MIN THEN CAME BACK. CONT RIH.
							TAG BRIDGE @ 8000', RU DRL EQUIP, DRL FOR 1 1/2 HRS, DID NOT MAKE ANY HOLE. RD DRL EQUIP. POOH. LD EXESS TBG. PU 4 1/16 TBG HNGER, LAND TBG W/
							KB 14.00 4 1/16 HNGR .83 238 JTS J-55 2 3/8 TBG 7402.64 R NIPP+POBS & BIT 3.50
							EO BIT 7420.97
							RACK OUT TBG EQUIP. NDBOP, NU WH. CALL FOR W.L. TBG PUNCH IN THE :AM. SWI. RACK OUT EQUIP. SDFWE.\
							C/O T/ 8000', DRL FOR 2 HRS, DIDN'T MAKE ANY HOLE. CALL FOR W.L. W/ TBG PUNCH IN THE :AM.
							(1ST POBS DIDN'T FALL T/ RAT HOLE)
7/28/2008	SUPERVISOR	DAVID DANIEL	.S				MD:
	7:00 - 7:3		COMP	48		Р	HSM, RDMO
	7:30 - 11:c	0 3.50	COMP	34	H	Р	MIRU CASED HOLE SOLUTION. PU 1.6 GM TBG PUNCH. OPEN WELL, RIH WI TBG PUNCH SHOOT 8 HOLES F/ 7397-99'. POOH. RDMO CASEDHOLE SOLUTIONS. OPEN WELL T/ FBT, TURN WELL OVER T/ FBC. SICP 800#. FTP 50#. RACK OUT EQUIP, RD RIG. ROAD RIG F/ NBU 1022-20D, T/ BITTER CREEK 1122-5B.
7/30/2008	SUPERVISOR	DAVID DANIEL	.S				MD:
	7:00 -			33	Α		7 AM FLBK REPORT: CP 450#, TP 100#, OPEN/64" CK, 33 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 2760 BBLS LEFT TO RECOVER: 13852
7/31/2008	SUPERVISOR	DAVID DANIEL	.S				MD:
	7:00 -			33	Α		7 AM FLBK REPORT: CP 300#, TP 200#, 20/64" CK, 17 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 3359 BBLS LEFT TO RECOVER: 13253
8/1/2008	SUPERVISOR	DAVID DANIEL	.S	···			MD:
	7:00 -			33	A		7 AM FLBK REPORT: CP 300#, TP 200#, 20/64" CK, 14 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 3724 BBLS LEFT TO RECOVER: 12888
8/2/2008	SUPERVISOR	DAVID DANIEL	.S				MD:
	7:00 -			33	Α		7 AM FLBK REPORT: CP 400#, TP 350#, 20/64" CK, 33 BWPH, CLEAN SAND, - GAS TTL BBLS RECOVERED: 4346 BBLS LEFT TO RECOVER: 12266

8/11/2008 9:39:15AM

Wins No.:	92504			NBU 10	022-20D API No.: 4304737222
8/3/2008	SUPERVISOR:	DAVID DANIELS			MD:
	7:00 -		33	Α	7 AM FLBK REPORT: CP 650#, TP 350#, 20/64" CK, 22 BWPH, CLEAN SAND, - GAS TTL BBLS RECOVERED: 4919 BBLS LEFT TO RECOVER: 11693
8/7/2008	SUPERVISOR:	DAVID DANIELS			MD:
	7:00 -		33	Α	7 AM FLBK REPORT: CP 1850#, TP 475#, 30/64" CK, 49 BWPH, MEDIUM SAND, - GAS TTL BBLS RECOVERED: 670 BBLS LEFT TO RECOVER: 15942
8/8/2008	SUPERVISOR:	DAVID DANIELS			MD:
	7:00 -		33	Α	7 AM FLBK REPORT: CP 1500#, TP 450#, 30/64" CK, 25 BWPH, LIGHT SAND, - GAS TTL BBLS RECOVERED: 3642 BBLS LEFT TO RECOVER: 12970
8/9/2008	SUPERVISOR:	DAVID DANIELS			MD:
	7:00 -		33	Α	7 AM FLBK REPORT: CP 1400#, TP 425#, 30/64" CK, 22 BWPH, LIGHT SAND, - GAS TTL BBLS RECOVERED: 4260 BBLS LEFT TO RECOVER: 12352
8/10/2008	SUPERVISOR:	DAVID DANIELS	··		MD:
	7:00 -		33	A	7 AM FLBK REPORT: CP 1300#, TP 500#, 30/64" CK, 19 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 4778 BBLS LEFT TO RECOVER: 11834
8/11/2008	SUPERVISOR:	DAVID DANIELS			MD:
	7:00 -		33	Α	7 AM FLBK REPORT: CP 1300#, TP 550#, 30/64" CK, 15 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 5179 BBLS LEFT TO RECOVER: 11433



STATE OF UTAH AMENDED REPORT FORM 8 DEPARTMENT OF NATURAL RESOURCES (highlight changes) DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22974 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG 1a. TYPE OF WELL: 7. UNIT or CA AGREEMENT NAME OTHER UNIT #891008900A b. TYPE OF WORK: Repers 8. WELL NAME and NUMBER: DIFF. RESVR. RECOMPLETE RE-ENTRY NBU 1022-20D WELL OTHER 2 NAME OF OPERATOR 9. API NUMBER: KERR McGEE OIL & GAS ONSHORE LP 4304737222 3. ADDRESS OF OPERATOR: PHONE NUMBER: 10 FIELD AND POOL, OR WILDCAT 1368 S 1200 E CITY VERNAL STATE UT zip 84078 (435) 781-7024 NATURAL BUTTES 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1078'FNL, 606'FWL NWNW 20 10S 22E AT TOP PRODUCING INTERVAL REPORTED BELOW: 12. COUNTY 13. STATE AT TOTAL DEPTH: **UTAH UINTAH** 14. DATE SPUDDED: 15. DATÉ T.D. REACHED: 16. DATE COMPLETED: 17. ELEVATIONS (DF, RKB, RT, GL): READY TO PRODUCE 🗸 ABANDONED 9/30/2006 1/4/2007 8/10/2008 5240'GL 18. TOTAL DEPTH: 19. PLUG BACK T.D.: MD 8.749 8,830 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE MD PLUG SET: TVD 22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) 23 NO 🔽 WAS WELL CORED? YES (Submit analysis) N/A WAS DST RUN? № 🗸 YES (Submit report) DIRECTIONAL SURVEY? NO 🔽 YES (Submit copy) 24. CASING AND LINER RECORD (Report all strings set in well) STAGE CEMENTER CEMENT TYPE & SLURRY HOLE SIZE SIZE/GRADE WEIGHT (#/ft.) TOP (MD) BOTTOM (MD) CEMENT TOP ** AMOUNT PULLED DEPTH NO. OF SACKS VOLUME (BBL) 20" 14" STL 36.7# 40 28 12 1/4" 9 5/8 H-40 32.3# 2,020 820 4 1/2 7 7/8" 1-80 11.6# 8,830 1443 25. TUBING RECORD SIZE DEPTH SET (MD) PACKER SET (MD) SIZE DEPTH SET (MD) PACKER SET (MD) PACKER SET (MD) SIZE DEPTH SET (MD) 2 3/8" 7,421 26. PRODUCING INTERVALS 27. PERFORATION RECORD FORMATION NAME BOTTOM (MD) TOP (TVD) BOTTOM (TVD) INTERVAL (Top/Bot - MD) NO. HOLES PERFORATION STATUS TOP (MD) SIZE WASATCH 5,376 6.714 5.376 6.714 0.36 198 Open Squeezed (B) Open Saueezed (C) Open Squeezed 28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND TYPE OF MATERIAL 5376'-6714' PMP 16,612 BBLS SLICK H2O & 545,746# 30/50 OTTOWA SD 29. ENCLOSED ATTACHMENTS: 30. WELL STATUS:

(CONTINUED ON BACK)

GEOLOGIC REPORT

CORE ANALYSIS

SEP 1 1 2008

PROD

DIRECTIONAL SURVEY

DST REPORT

OTHER:

ELECTRICAL/MECHANICAL LOGS

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

8/10/2008											
API 07/2018 C1 101/2018 C24 C35 C36	DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTED):	TEST PRODUCTION	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
NTERVAL B (As shown in Item #26)	8/10/2008		8/18/2008		24		RATES: →	0	732	250	FLOWING
INTERVAL B (As shown in Item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL ST RATES: → OIL - BBL: O	CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO		OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS
DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: OIL - BBL: GAS - MCF: WATER - BBL: PROD. METH RATES: → OIL - BBL: GAS - MCF: WATER - BBL: PROD. METH RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL ST INTERVAL C (As shown in item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: OIL - BBL: GAS - MCF: WATER - BBL: PROD. METH RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL ST WATER - BBL: INTERVAL ST INTERVAL D (As shown in item #26) OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL ST INTERVAL D (As shown in item #26) OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL ST PROD. METH RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL ST PROD. METH RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL ST PROD. METH RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL ST PROD. METH RATES: → OIL - BBL: GAS -	30/64	252	1,279				RATES: →	0	732	250	PROD
RATES: → CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL ST INTERVAL C (As shown in item #26)					INT	ERVAL B (As sho	wn in item #26)				
INTERVAL C (As shown in item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: → GAS - MCF: WATER - BBL: INTERVAL ST CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO RATES: → GAS - MCF: WATER - BBL: INTERVAL ST INTERVAL D (As shown in item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: → GAS - MCF: WATER - BBL: PROD. METH RATES: → GAS - MCF: WATER - BBL: INTERVAL ST CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO RATES: → GAS - MCF: WATER - BBL: INTERVAL ST 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.) SOLD	DATE FIRST PR	ODUÇED:	TEST DATE:		HOURS TESTED):		OIL BBL:	GAS - MCF:	WATER 8BL:	PROD. METHOD:
DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: → OIL − BBL: GAS − MCF: WATER − BBL: PROD. METH RATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION RATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: → OIL − BBL: GAS − MCF: WATER − BBL: PROD. METH RATES: → OIL − BBL: GAS − MCF: WATER − BBL: PROD. METH RATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION RATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION RATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION RATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION PRATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION PRATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION PRATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION PRATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION PRATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION PRATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION PRATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION PRATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION PRATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION PRATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION PRATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL ST PRODUCTION PRATES: → OIL − BBL: OI	CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO		OIL - BBL:	GAS - MCF:	WATER - 8BL:	INTERVAL STATUS
RATES: → CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU – GAS GAS/OIL RATIO 24 HR PRODUCTION RATES: → INTERVAL D (As shown in item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: → CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU – GAS GAS/OIL RATIO 24 HR PRODUCTION RATES: → CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU – GAS GAS/OIL RATIO 24 HR PRODUCTION RATES: → 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.) SOLD			-		INT	ERVAL C (As sho	wn in item #26)				
INTERVAL D (As shown in item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: → OIL - BBL: GAS - MCF: WATER - BBL: PROD. METH RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL ST CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL ST 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.) SOLD	DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTED:			OIL BBL:	GAS MCF:	WATER - BBL:	PROD. METHOD:
DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: → OIL - BBL: GAS - MCF: WATER - BBL: PROD. METH RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL ST SOLD	CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	1	OIL – BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS
RATES: → CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION RATES: → 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.) SOLD					INT	ERVAL D (As sho	wn in item #26)				
RATES: → 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.) SOLD	DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTER):		OIL - BBL:	GAS – MCF:	WATER - BBL:	PROD. METHOD:
SOLD	CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO		OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS
33. SUMMARY OF POROUS ZONES (Include Aquifers): 34. FORMATION (Log) MARKERS:		ON OF GAS (Sold,	Used for Fuel, V	ented, Etc.)	-,L	•				•	•
	33. SUMMARY	OF POROUS ZON	IES (Include Aqui	fers):			34	34. FORMATION (Log) MARKERS:			
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stern tests, including depth interval				•		. tanta ingluding da	ath interval				
Show all important zones or porosity and contents trienteror. Coreu intervals and an unin-stern tests, including depart interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.						resis, including de	perinterval				
			-	-							

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)		
WASATCH MESAVERDE	4,179 6,829						

35. ADDITIONAL REMARKS (Include plugging procedure)

36.	l hereby cert	ify that the	foregoing and	attached informatio	n is complete an	d correct as determin	ed from all available records.
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SIGNATURE SIGNAT

REGULATORY ANALYST

DATE 9/8/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- · drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

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Phone: 801-538-5340

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